METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY TO 31ST DECEMBER, 1906.

DAILY WEATHER REPORT.

July to December 1906.

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NORMAL VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE.

THIRD QUARTER, JULY TO SEPTEMBER.

(Issued as a Supplement to the Daily Weather Report of July 1st.)

	STATIONS.	PRESSURE. 1871-1905. 8 a.m. Observations (reduced to M.S. Level, but not to Lat. 45°).	AIR TEMPERATURE. 1871-1905. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes. Maximum. Temp.	Maximum. Year.	Minimum. Temp.	Minimum. Year.	RAINFALL. 1871-1905. Days with Rain.	Total Fall.	BRIGHT SUNSHINE. 1881-1905. Average Duration.	Per Centage of Possible Duration.
		Inches.	°	°	°	°	°		°			Inches.	Hours.	%
JULY.	Sumburgh Head	29·817	53·2	51·5	57·4	48·3	70	1897	37	1888	18	2·40	—	—
	Stornoway	29·834	55·3	53·5	60·5	49·0	76	1894	32	1888	21	3·03	143·8	27
	Malin Head	29·882	56·2	54·1	61·0	53·3	[75]‡	[1887]‡	[42]‡	[1888, 1902]‡	[20]‡	[2·89]‡	—	—
	Blacksod Point	29·922	57·8	55·3	62·3	53·9	[80]‡	[1894]‡	[42]‡	[1898]‡	[21]‡	[3·02]‡	—	—
	Valencia	29·968	59·2	56·6	64·0	53·9	80	1878	42	1898	20	3·88	153·5	31
	Roche's Point	29·967	59·1	56·2	65·7	53·8	84	1876	45	1888	15	3·06	—	—
	Birr Castle	29·947	58·1	55·1	66·5	51·7	89	1876	37	1889	17	3·02	139·0	28
	Donaghadee	29·915	57·3	55·4	63·4	52·0	81	1876	40	1883, 1902	18	2·97	—	—
	Liverpool (Observatory)	29·937	59·5	55·6	66·1	54·4	89	1873	44	1877	16	2·90	—	—
	Holyhead	29·942	58·4	56·1	63·7	54·1	85	1901	43	1888	15	2·59	—	—
	Pembroke (St. Ann's Hd.)	29·964	58·2	56·3	62·7	55·0	80	1878	45	1888	15	2·55	206·1	42
	Scilly (St. Mary's)	29·992	60·6	58·3	65·0	56·6	75	1886, 1901, 02	48	1875	16	2·38	218·6	45
	Jersey (St. Aubin's)	30·021	62·6	59·2	68·8	56·6	90	1873	45	1902	13	2·30	249·8	52
	Portland Bill	[30·036]§	[60·7]§	[58·4]§	[66·1]§	[56·2]§	[79]§	[1901]§	[49]§	[1900]§	[10]§	[1·50]§	—	—
	Dungeness	29·973	62·0	58·7	67·1	56·0	82	1900	40	1890	12	1·67	—	—
	Wick	29·845	55·8	53·6	61·7	48·9	81	1876	30	1886	18	2·74	—	—
	Nairn	29·849	56·9	53·7	64·6	50·1	86	1876	37	1886, 97, 98, 1903	18	2·77	—	—
	Aberdeen	29·864	57·5	53·8	63·7	50·7	86	1876	38	1898, 1903	17	2·90	163·1	31
	Leith	29·878	58·4	55·0	66·7	51·5	90	1876	41	1881, 88, 92, 1903	16	2·77	—	—
	North Shields	29·897	58·3	55·2	64·5	52·1	85	1876	40	1885	15	2·66	—	—
	Spurn Head	29·924	59·7	56·7	65·3	55·1	[84]*	[1881, 1900]*	[44]*	[1888]*	13	1·82	—	—
	Yarmouth	29·944	61·0	57·7	66·4	55·0	87	1881	42	1872, 90	14	2·65	—	—
	Clacton-on-Sea	[30·042]¶	[64·9]¶	[61·2]¶	[69·4]‖	[56·0]‖	[82]‖	[1905]‖	[40]‖	[1902]‖	[9]‖	[1·69]‖	[258·2]‖	[52]‖
	Nottingham	29·956	60·9	57·1	70·8	52·2	92	1876	37	1888	16	2·60	[229·8]¶	[46]¶
	Bath	[30·024]‖	[61·7]‖	[57·6]‖	[72·1]ǂ	[54·5]ǂ	[91]†	[1876]†	[41]†	[1881]†	13	2·67	[222·6]§	[45]§
	Oxford	29·972	60·3	56·7	70·4	53·6	90	1876, 1900	41	1888	13	2·56	202·9	41
	LONDON { Westminster	[30·055]**	[64·2]**	[60·0]**	[74·6]**	[58·3]**	[81]**	[1905]**	[52]**	[1905]**	[9]**	[1·15]**	181·0	37
	LONDON { Brixton	29·977	62·3	57·3	72·9	54·4	95	1881	41	1877	13	2·38	—	—
AUGUST.	Sumburgh Head	29·778	53·3	51·6	57·5	48·4	69	1880	38	1885, 95	19	3·17	—	—
	Stornoway	29·794	54·7	53·2	60·2	49·0	75	1897, 99	33	1888	21	3·88	134·3	29
	Malin Head	29·838	56·3	54·2	61·6	53·7	[80]‡	[1900]‡	[43]‡	[1891]‡	[21]‡	[3·51]‡	—	—
	Blacksod Point	29·877	58·0	55·4	62·3	54·0	[78]‡	[1899]‡	[42]‡	[1887, 88]‡	[23]‡	[4·88]‡	—	—
	Valencia	29·929	59·3	56·8	64·4	54·1	81	1899	42	1890	22	5·14	153·1	34
	Roche's Point	29·933	58·9	56·4	65·4	54·0	80	1880	44	1883, 1903, 04	17	4·19	—	—
	Birr Castle	29·916	57·1	55·0	65·8	51·3	82	1893, 99, 1900	35	1885, 87	18	3·97	143·0	32
	Donaghadee	29·879	56·8	55·2	62·7	52·2	78	1899	38	1886	19	3·45	—	—
	Liverpool (Observatory)	29·906	58·6	55·2	65·5	54·3	85	1876, 84, 93, 99	44	1885	17	3·08	—	—
	Holyhead	29·908	58·5	56·4	63·8	51·5	83	1893	45	1883	16	3·23	—	—
	Pembroke (St. Ann's Hd.)	29·931	58·7	56·7	63·1	55·7	78	1874, 99	47	1885, 88	16	3·06	193·5	43
	Scilly (St. Mary's)	29·962	61·0	58·8	65·2	57·1	75	1893, 99	50	1885, 90, 95	17	2·63	228·4	52
	Jersey (St. Aubin's)	29·998	63·1	59·7	69·0	57·3	89	1893	45	1890	15	2·54	243·0	55
	Portland Bill	[29·973]§	[59·8]§	[57·4]§	[65·3]§	[56·0]§	[78]§	[1901]§	[49]§	[1904]§	[15]§	[2·72]§	—	—
	Dungeness	29·954	62·0	58·9	67·5	56·5	82	1904	39	1890	13	1·98	—	—
	Wick	29·809	55·3	53·3	61·2	48·5	85	1893	30	1886	19	2·74	—	—
	Nairn	29·815	55·7	53·0	63·8	49·6	86	1899	33	1885, 91, 1904	19	2·65	—	—
	Aberdeen	29·832	56·5	53·3	62·9	50·0	81	1880, 82, 99	33	1885	18	3·08	152·7	33
	Leith	29·846	58·2	54·5	66·0	51·3	85	1893	37	1874	17	2·89	—	—
	North Shields	29·869	57·2	54·5	64·0	51·6	83	1893	39	1892, 1902	16	2·84	—	—
	Spurn Head	29·904	59·0	56·7	64·8	54·9	[87]*	[1893]*	[46]*	[1887,90,1900,2]*	14	2·06	—	—
	Yarmouth	29·926	60·5	57·4	66·2	54·7	85	1893	41	1902	14	2·43	—	—
	Clacton-on-Sea	[29·954]¶	[61·7]¶	[57·8]¶	[67·5]‖	[54·8]‖	[79]‖	[1901]‖	[44]‖	[1902]‖	[14]‖	[2·13]‖	[216·0]‖	[49]‖
	Nottingham	29·933	58·8	55·9	69·0	51·5	94	1876	37	1876	17	2·61	[197·1]¶	[44]¶
	Bath	[29·955]‖	[58·8]‖	[55·6]‖	[69·5]ǂ	[52·3]ǂ	[92]†	[1876]†	[40]†	[1877, 1904]†	14	2·87	[188·7]§	[42]§
	Oxford	29·954	58·8	53·9	69·2	52·9	90	1876	39	1892	14	2·38	184·9	42
	LONDON { Westminster	[29·881]**	[60·1]**	[56·2]**	[68·3]**	[54·3]**	[74]**	[1905]**	[46]**	[1905]**	[15]**	[2·51]**	168·0	38
	LONDON { Brixton	29·961	60·9	57·2	71·8	53·6	96	1876	39	1887, 90	14	2·39	—	—
SEPTEMBER.	Sumburgh Head	29·800	50·8	49·1	54·9	46·3	69	1898	34	1887, 88	20	3·32	—	—
	Stornoway	29·816	51·4	50·1	57·1	45·8	72	1898	32	1871, 75, 85, 1904	21	4·08	114·1	30
	Malin Head	29·866	53·7	51·5	58·6	51·0	[78]‡	[1898]‡	[38]‡	[1886]‡	[19]‡	[2·95]‡	—	—
	Blacksod Point	29·902	55·4	52·9	59·7	51·5	[78]‡	[1898]‡	[39]‡	[1899]‡	[21]‡	[4·26]‡	—	—
	Valencia	29·956	56·4	54·0	61·8	51·4	79	1898	35	1899	20	4·50	129·6	35
	Roche's Point	29·964	55·8	53·7	61·8	51·3	74	1880	39	1893	15	3·52	—	—
	Birr Castle	29·947	52·8	51·0	61·8	47·3	79	1880, 98	29	1899	17	2·76	127·9	34
	Donaghadee	29·918	53·7	52·4	60·1	49·4	74	1898	36	1882, 94, 99	17	2·84	—	—
	Liverpool (Observatory)	29·950	54·7	52·0	61·4	50·8	82	1880	39	1885	17	2·96	—	—
	Holyhead	29·943	55·9	53·7	60·8	52·2	78	1880	42	1903	16	2·96	—	—
	Pembroke (St. Ann's Hd.)	29·962	56·3	54·1	60·5	53·1	74	1895	40	1885	16	3·10	148·9	40
	Scilly (St. Mary's)	29·979	58·7	56·5	62·3	54·9	73	1899	44	1885, 83	17	3·03	169·7	45
	Jersey (St. Aubin's)	30·009	60·2	57·0	65·9	54·9	86	1895	41	1891	16	2·92	182·1	49
	Portland Bill	[30·029]§	[57·2]§	[54·8]§	[62·9]§	[53·6]§	[69]§	[1900]§	[43]§	[1902, 03]§	[13]§	[2·26]§	—	—
	Dungeness	29·985	57·9	55·5	64·1	52·9	78	1898, 99	32	1885	14	2·30	—	—
	Wick	29·833	52·1	50·3	58·0	45·8	78	1898	29	1885, 87	19	2·59	—	—
	Nairn	29·846	51·7	49·4	60·0	45·8	83	1898	25	1892	17	2·37	—	—
	Aberdeen	29·870	52·5	50·0	59·3	46·7	81	1898	30	1887	18	2·71	123·2	33
	Leith	29·889	53·6	50·9	62·2	47·6	83	1898	33	1886, 1905	15	2·05	—	—
	North Shields	29·915	53·3	51·1	60·4	48·2	81	1898	34	1885, 89, 93	14	2·03	—	—
	Spurn Head	29·948	55·7	53·8	61·1	52·4	[79]*	[1899]*	[38]*	[1892]*	13	1·69	—	—
	Yarmouth	29·981	56·6	54·3	62·3	51·4	78	1880, 98	33	1885	14	2·41	—	—
	Clacton-on-Sea	[30·019]¶	[56·3]¶	[53·6]¶	[63·1]‖	[52·3]‖	[75]‖	[1905]‖	[38]‖	[1904]‖	[11]‖	[1·16]‖	[179·3]‖	[48]‖
	Nottingham	29·975	53·3	51·5	64·1	47·6	87	1898	30	1887	16	2·14	[131·2]¶	[35]¶
	Bath	[30·010]‖	[53·9]‖	[51·9]‖	[65·2]ǂ	[48·5]ǂ	[85]†	[1880]†	[34]†	[1872]†	12	2·74	[139·0]§	[37]§
	Oxford	29·991	53·9	52·0	64·5	48·7	90	1898	33	1885	13	2·11	144·9	39
	LONDON { Westminster	[29·960]**	[55·7]**	[53·2]**	[63·2]**	[51·1]**	[74]**	[1905]**	[44]**	[1905]**	[14]**	[1·49]**	116·8	31
	LONDON { Brixton	29·994	55·7	53·3	66·6	49·7	91	1898	30	1877	13	2·06	—	—

* Results for 25 years, 1881-1905.
† " 21 " 1871-1884 and 1899-1905.
‡ " 20 " 1886-1905.

ǂ Results for 7 years, 1899-1905.
§ " 6 " 1900-1905.
‖ " 5 " 1901-1905.

¶ Results for 2 years, 1904-1905.
** " 1 year, 1905.

METEOROLOGICAL OFFICE,
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JULY, 1906.

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NORMAL VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE.

FOURTH QUARTER, OCTOBER TO DECEMBER.

(Issued as a Supplement to the Daily Weather Report of October 1st.)

	STATIONS.	PRESSURE. 1871-1905.	AIR TEMPERATURE. 1871-1905.								RAINFALL. 1871-1905.		BRIGHT SUNSHINE. 1881-1905.	
			Means of				Absolute Extremes.							
							Maximum.		Minimum.					
		8 a.m. Observations (reduced to M.S. Level, but not to Lat. 45°).	Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Temp.	Year.	Temp.	Year.	Days with Rain.	Total Fall.	Average Duration.	Per Centage of Possible Duration.
		Inches.	°	°	°	°	°		°			Inches.	Hours.	%
OCTOBER.	Sumburgh Head	29·721	45·9	44·2	49·7	41·7	61	1898	26	1875	25	4·38	—	—
	Stornoway	29·752	45·4	44·3	51·3	40·3	70	1898	26	1880	24	5·69	84·3	27
	Malin Head	29·804	48·4	46·4	52·6	45·6	[69]‡	[1898]‡	[32]‡	[1892]‡	[22]‡	[3·22]‡	—	—
	Blacksod Point	29·853	49·7	46·9	54·2	45·9	[70]‡	[1898]‡	[29]‡	[1905]‡	[23]‡	[5·13]‡	—	—
	Valencia	29·891	50·9	48·7	56·4	46·2	69	1898	28	1892	22	5·48	102·7	32
	Roche's Point	29·893	50·1	48·3	55·8	46·1	65	1880, 84, 86	32	1881	17	4·17	—	—
	Birr Castle	29·887	45·5	44·1	54·7	40·6	69	1898	22	1880, 1905	18	2·93	98·0	30
	Donaghadee	29·846	47·8	46·4	53·8	43·5	66	1898	21	1892	19	2·97	—	—
	Liverpool (Observatory)	29·876	47·8	45·7	53·8	44·6	72	1886	27	1895	19	3·54	—	—
	Holyhead	29·867	50·3	48·2	54·7	46·9	71	1886	32	1892	20	4·33	—	—
	Pembroke (St. Ann's Hd.)	29·885	51·3	49·3	55·1	48·0	66	1872, 86	33	1895	20	4·02	103·6	32
	Scilly (St. Mary's)	29·903	53·9	51·7	57·0	50·1	69	1895	38	1895, 96	21	3·76	115·4	35
	Jersey (St. Aubin's)	29·935	53·6	50·9	58·7	49·0	73	1876, 98, 1900	33	1887	20	4·52	126·0	38
	Portland Bill	[29·961]§	[52·4]§	[49·8]§	[57·1]§	[48·5]§	[65]§	[1901]§	[35]§	[1905]§	[17]§	[3·06]§	—	—
	Dungeness	29·913	50·4	48·6	56·7	46·0	70	1886	23	1890	16	3·24	—	—
	Wick	29·754	46·0	44·4	51·9	40·4	73	1898	22	1885	21	3·23	—	—
	Nairn	29·774	44·6	42·8	52·4	39·6	72	1898	19	1896	19	2·47	—	—
	Aberdeen	29·793	45·6	43·6	52·5	41·2	74	1883	25	1880	20	2·94	98·6	31
	Leith	29·816	46·6	44·6	54·7	41·6	70	1898	25	1894	16	2·19	—	—
	North Shields	29·837	46·9	45·2	53·5	42·2	69	1898	27	1890, 92, 95	17	2·93	—	—
	Spurn Head	29·859	49·0	47·5	53·8	45·6	[70]*	[1900]*	[33]*	[1887, 95]*	16	2·26	—	—
	Yarmouth	29·885	49·3	47·6	54·5	44·7	74	1900	27	1895	18	2·91	—	—
	Clacton-on-Sea	[30·046]¶	[47·4]¶	[45·5]¶	[55·7]‖	[45·1]‖	[69]‖	[1904]‖	[29]‖	[1905]‖	[16]‖	[1·71]‖	[110·6]‖	[34]‖
	Nottingham	29·899	45·5	44·3	55·1	41·5	75	1895	20	1890	20	2·60	[88·6]¶	[27]¶
	Bath	[29·945]‖	[47·7]‖	[46·2]‖	[57·6]‡	[42·5]‡	[73]†	[1873]†	[24]†	[1905]†	15	3·05	[93·0]§	[29]§
	Oxford	29·921	46·2	44·8	55·7	42·1	76	1886	22	1873	15	2·76	100·6	31
	LONDON { Westminster	[30·029]**	[43·6]**	[41·7]**	[53·0]**	[38·7]**	[61]**	[1905]**	[29]**	[1905]**	[16]**	[1·01]**	68·7	21
	LONDON { Brixton	29·921	47·7	46·1	56·8	42·9	80	1886	24	1890	16	2·73	—	—
NOVEMBER.	Sumburgh Head	29·718	42·5	40·8	46·0	38·5	58	1901	21	1875	24	3·96	—	—
	Stornoway	29·732	42·6	41·5	47·0	37·5	58	1897, 1901, 02	20	1880	24	5·41	41·4	18
	Malin Head	29·784	44·5	42·7	48·3	41·4	[59]‡	[1894, 99]‡	[31]‡	[1889]‡	[21]‡	[3·23]‡	—	—
	Blacksod Point	29·830	45·8	43·9	49·8	41·9	[60]‡	[1897, 99]‡	[26]‡	[1890]‡	[24]‡	[5·29]‡	—	—
	Valencia	29·893	47·4	45·4	52·3	42·8	63	1881	27	1890, 96, 1901	22	5·67	64·8	25
	Roche's Point	29·899	46·4	44·9	51·3	42·3	61	1875	27	1890	18	4·69	—	—
	Birr Castle	29·879	41·8	40·5	49·2	37·1	63	1872	19	1905	19	3·10	62·9	25
	Donaghadee	29·848	44·0	42·8	48·9	39·8	60	1894	27	1878, 83	19	3·20	—	—
	Liverpool (Observatory)	29·891	42·9	41·1	48·2	39·9	63	1872	22	1880	17	2·65	—	—
	Holyhead	29·874	46·2	44·4	50·0	42·9	62	1881	29	1880	19	4·14	—	—
	Pembroke (St. Ann's Hd.)	29·898	47·3	45·6	50·7	43·8	58	1884,95,97,99,1901,2	28	1890	20	3·94	62·3	24
	Scilly (St. Mary's)	29·917	50·2	48·1	53·0	46·5	61	1898	29	1890	20	3·68	75·6	28
	Jersey (St. Aubin's)	29·962	48·0	45·9	52·6	44·2	66	1899	16	1890	20	4·10	76·2	28
	Portland Bill	[29·938]§	[46·6]§	[44·8]§	[51·0]§	[42·9]§	[61]§	[1900]§	[30]§	[1902]§	[14]§	[2·11]§	—	—
	Dungeness	29·930	44·9	43·5	50·1	40·8	63	1899	17	1890	17	2·65	—	—
	Wick	29·750	42·0	40·5	46·7	36·8	62	1900	15	1884, 1904	20	2·84	—	—
	Nairn	29·771	40·5	38·9	46·4	35·5	61	1885, 94	12	1904	17	2·21	—	—
	Aberdeen	29·802	41·1	39·3	46·6	37·1	62	1872, 89	15	1880, 84	20	3·22	54·5	23
	Leith	29·825	42·3	40·6	48·5	37·6	64	1872	18	1885	16	2·17	—	—
	North Shields	29·851	42·7	41·1	48·0	38·2	62	1894	20	1880	16	2·44	—	—
	Spurn Head	29·880	43·8	42·5	47·7	40·6	[61]*	[1894, 95]*	[28]*	[1884]*	17	1·98	—	—
	Yarmouth	29·903	43·6	42·3	48·0	39·4	60	1895, 98, 99, 1904	23	1890	18	2·70	—	—
	Clacton-on-Sea	[29·878]¶	[41·0]¶	[40·0]¶	[47·9]‖	[39·0]‖	[59]‖	[1902]‖	[25]‖	[1904]‖	[11]‖	[1·55]‖	[78·4]‖	[30]‖
	Nottingham	29·916	40·7	39·6	48·0	36·9	63	1895	13	1904	20	1·99	[33·5]¶	[13]¶
	Bath	[29·981]‖	[40·7]‖	[39·5]‖	[50·3]‡	[37·4]‡	[64]†	[1879]†	[18]†	[1901]†	15	2·95	[54·2]§	[21]§
	Oxford	29·938	41·4	40·2	48·7	37·7	63	1899	17	1904	15	2·34	56·5	22
	LONDON { Westminster	[29·693]**	[40·7]**	[39·6]**	[47·9]**	[36·7]**	[56]**	[1905]**	[25]**	[1905]**	[19]**	[3·01]**	26·6	10
	LONDON { Brixton	29·938	42·6	41·1	49·6	38·4	65	1894	19	1879	15	2·35	—	—
DECEMBER.	Sumburgh Head	29·646	40·2	38·7	43·1	36·1	53	1890, 1905	19	1877	26	4·45	—	—
	Stornoway	29·669	40·1	39·0	43·9	34·7	55	1898	15	1880	26	5·90	23·9	12
	Malin Head	29·745	41·8	40·2	45·4	38·4	[55]‡	[1900, 04]‡	[29]‡	[1904]‡	[23]‡	[3·21]‡	—	—
	Blacksod Point	29·799	43·4	41·5	47·2	39·4	[59]‡	[1899]‡	[26]‡	[1896]‡	[27]‡	[5·81]‡	—	—
	Valencia	29·875	45·3	43·2	50·0	40·7	57	1884, 88, 99, 1900	24	1886	25	6·21	41·0	17
	Roche's Point	29·890	44·1	42·7	48·5	40·0	58	1873	25	1882	20	5·32	—	—
	Birr Castle	29·866	39·0	37·8	45·6	34·3	58	1877, 1900	8	1878	20	3·07	43·9	19
	Donaghadee	29·819	41·1	40·1	46·1	36·9	56	1885, 88, 94	20	1879	20	2·96	—	—
	Liverpool (Observatory)	29·878	39·4	37·7	44·3	36·1	59	1891, 98, 1900	13	1878	18	2·46	—	—
	Holyhead	29·860	43·3	41·6	46·7	39·5	56	1872, 88	25	1874	20	3·80	—	—
	Pembroke (St. Ann's Hd.)	29·898	44·4	42·9	47·5	40·9	57	1899, 1902	19	1890	21	4·03	42·3	18
	Scilly (St. Mary's)	29·929	47·7	45·8	50·4	43·9	58	1899, 1900	30	1890	22	4·21	57·6	23
	Jersey (St. Aubin's)	29·989	44·0	42·2	48·1	40·2	61	1876	19	1871	20	3·84	61·7	25
	Portland Bill	[29·923]§	[44·5]§	[43·1]§	[47·8]§	[41·0]§	[55]§	[1900]§	[25]§	[1902]§	[18]§	[2·54]§	—	—
	Dungeness	29·949	40·7	39·6	45·3	36·5	56	1880, 97, 98, 1900	12	1890	16	2·24	—	—
	Wick	29·681	38·9	37·6	43·1	33·6	56	1898	10	1880	22	2·99	—	—
	Nairn	29·709	37·6	36·1	42·6	32·4	58	1900	10	1882	18	2·08	—	—
	Aberdeen	29·745	37·7	36·0	42·5	33·5	58	1873	6	1882	20	3·06	37·0	18
	Leith	29·778	39·3	37·7	44·5	34·3	60	1896	6	1882	16	1·97	—	—
	North Shields	29·820	39·0	37·7	43·7	34·5	59	1873, 98	10	1878, 79	16	2·17	—	—
	Spurn Head	29·860	39·4	38·3	43·2	35·9	[56]*	[1898]*	[19]*	[1891]*	15	1·94	—	—
	Yarmouth	29·907	38·7	37·6	42·8	34·4	60	1901	15	1879	18	2·11	—	—
	Clacton-on-Sea	[30·079]¶	[39·9]¶	[39·3]¶	[43·4]‖	[35·9]‖	[55]‖	[1904]‖	[20]‖	[1902]‖	[13]‖	[1·26]‖	[49·7]‖	[21]‖
	Nottingham	29·911	37·1	36·0	43·4	33·0	58	1898	−1	1879	20	2·09	[29·7]¶	[13]¶
	Bath	[29·917]‖	[39·9]‖	[38·6]‖	[46·2]‡	[35·1]‡	[58]†	[1876, 99, 1901, 02]†	[14]†	[1899]†	13	2·92	[30·7]§	[13]§
	Oxford	29·947	37·7	36·6	43·7	34·1	58	1888, 97	6	1878	16	2·03	40·8	17
	LONDON { Westminster	[30·235]**	[40·8]**	[39·5]**	[45·4]**	[37·3]**	[58]**	[1905]**	[27]**	[1905]**	[7]**	[0·58]**	13·0	5
	LONDON { Brixton	29·949	38·7	37·4	44·7	34·6	58	1873, 88, 91, 98	11	1878	14	1·98	—	—

* Results for 25 years, 1881-1905.
† " 21 " 1871-1884 and 1899-1905.
‡ " 20 " 1886-1905.

‡ Results for 7 years, 1899-1905.
§ " 6 " 1900-1905.
‖ " 5 " 1901-1905.

¶ Results for 2 years, 1904-1905.
** " 1 year, 1905.

METEOROLOGICAL OFFICE,
63, Victoria Street, London, S.W.
OCTOBER, 1906.

3000 Wt 4940 8/06 D & S 23 24920

DAILY WEATHER REPORT.

Thursday, **Meteorological Office, London.** 1st November, 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°						°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	30·52	37	SW	4	0	30·52	−·02	37	36	−2	SSE	2	0	*	39	36	*	*	—
	Hernösand	30·45	42	Z	0	0	30·38	−·09	41	39	−2	Z	0	0	*	45	39	*	*	—
	Stockholm	30·32	43	E	2	†	30·26	−·11	42	40	−2	SE	4	0	*	45	42	*	*	—
	Wisby...	30·24	44	SE	2	0	30·13	−·16	45	43	+1	SSE	4	0	*	45	39	*	*	—
	Karlstad	30·26	41	E	2	0	30·15	−·12	45	44	0	E	2	†	*	*	*	*	*	0·12
	Færder (X'iania Fjord)	30·17	44	NE	6	0	30·04	−·14	43	42	−3	NE	6	0	2	46	43	*	*	0·20
	Bodö	30·22	45	E	2	b	30·24	+·03	42	40	−1	E	2	bc	1	45	41	*	*	—
	Christiansund ...	30·10	49	SE	2	b	30·04	−·04	44	39	−9	SE	2	b	2	54	43	*	*	—
	Skudesnaes ...	30·04	48	E	4	b	29·91	−·04	46	43	−4	ENE	4	c	3	52	45	b	*	—
BRITISH ISLANDS.	Sumburgh Head	29·90	48	ESE	4	0	29·83	+·03	47	43	−2	ESE	4	c	7	50	46	0	*	0·01
	Stornoway	29·72	47	Z	0	b	29·64	−·04	49	48	−2	S	2	bc	2	56	45	bc, b	3·9	—
	Malin Head ...	29·62	49	SE	1	ogm	29·55	+·13	48	48	−1	S	2	om	3	52	47	bc, ogm	*	0·10
	Blacksod Pt. ...	29·62	48	E	3	b	29·60	+·03	40	39	−9	ESE	1	om	2	51	36	bcp, b	*	0·21
	Valencia	29·57	44	SSE	2	bc	29·58	−·01	34	34	−12	ENE	1	b	3	52	33	rg, bc	2·4	0·25
	Roche's Point ...	29·52	44	NNE	3	c	29·57	+·11	40	40	−4	NNE	3	b	1	47	40	†, o, c	*	0·09
	Birr Castle ...	29·59	42	ENE	1	b	29·58	+·13	35	34	−6	Z	0	cf	*	50	32	†, c, b	4·5	0·02
	Donaghadee ...	29·62	50	ENE	3	†	29·55	+·19	51	50	+2	ESE	4	0	4	52	48	o, o†	*	0·10
	Liverpool Obsy...	29·61	43	Z	0	0	29·49	+·01	47	46	+9	ENE	1	0	?	48	38	of	*	0·02
	Holyhead	29·63	46	E	1	bc	29·50	+·08	48	48	+7	SE	1	m	1	49	39	c, bc	*	0·03
	Pembroke (St. Ann's Hd.)	29·53	47	ESE	4	bc	29·49	+·10	47	40	+7	N	3	ogm	2	50	40	cp, bc, o	3·9	0·03
	Scilly (St. Mary's) ...	29·47	47	SW	2	c	29·48	+·03	47	45	+2	NE	4	c	3	51	?45	c	5·3	0·07
	Jersey (St. Aubins) ...	29·56	50	WNW	2	b	29·45	00	51	47	+12	WNW	3	om	3	55	38	cg, bpmw	6·1	0·01
	Portland Bill ...	29·53	47	NE	2	b	29·42	+·01	47	46	+4	NW	4	0	2	51	43	bc, b, m	*	—
	Dungeness	29·48	48	NNE	2	bc	29·31	−·13	51	50	0	NNW	3	0	2	55	47	bc	4·3	—
	Wick	29·69	49	SE	3	0	29·72	+·04	48	47	−3	SE	5	†	6	52	47	—	*	0·08
	Nairn	29·76	49	E	2	0	29·67	+·05	47	46	+1	ENE	2	0	2	53	45	—	0·5	0·02
	Aberdeen	29·79	50	E	4	0	29·69	+·01	49	48	−3	E	5	0	5	52	48	o, o†, d	0·0	0·03
	Leith	29·70	49	E	2	0	29·61	+·05	49	48	−2	ENE	3	d	*	54	49	—	*	0·03
	North Shields ...	29·66	49	ESE	2	op	29·55	+·03	49	49	−1	NE	3	d	5	51	46	p, o, op	*	0·05
	Spurn Head ..	29·57	52	E	4	0	29·41	−·06	51	50	0	NE	4	†	5	53	50	p, b	*	0·05
	Yarmouth	29·52	53	ENE	5	c	29·37	−·09	52	50	−3	NE	5	c	5	56	52	c		—
	Clacton-on-Sea ...	29·52	50	NNW	3	0	29·35	−·11	51	50	+1	NNW	2	0	2	53	49	od, omg	0·6	0·01
	Nottingham ...	29·57	48	NE	1	0	29·44	−·05	49	48	+6	NE	1	om	*	50	43	c, o	0·1	0·02
	Bath	29·57	42	NE	1	b	29·45	−·02	45	44	+7	W	1	m	*	50	34	—	6·7	—
	Oxford	29·57	44	NNW	1	0	29·42	−·07	48	47	+7	NNW	1	0	*	50	41	0		—
	London (St. James' Park)	29·53	50	ENE	2	0	29·37	−·07	51	49	+7	N	1	og	*	52	44	og	0·0	—
GERMANY, &c.	The Scaw (Skagen)	30·07	46	ESE	6	0	29·94	−·10	47	45	−1	ESE	5	0	1	50	45	*	*	0·16
	Fanö	29·78	46	ENE	6	0	29·65	−·16	47	46	+5	NE	6	0	*	48	41	*	*	—
	Cuxhaven	29·69	48	E	5	0	29·49	−·21	45	44	+3	E	5	0	*	50	41	*	*	—
	The Helder ...	29·56	50	E	4	c	29·36	−·21	48	46	+5	ENE	5	0	3	50	43	*	*	—
	Brussels	*	*	*	*	*	29·28	−·22	41	41	−6	Z	0	f	*	57	41	*	*	—
	Berlin	29·72	47	SE	3	b	29·60	−·26	50	46	+6	SE	5	c	*	54	44	*	*	—
	Frankfurt	29·37	49	NE	5	c	29·29	−·22	49	47	+7	N	2	0	*	61	41	*	*	—
	Munich	29·71	54	E	6	c	29·41	−·08	47	44	0	SE	5	c	*	61	46	*	*	—
FRANCE.	C. Gris Nez ...	29·49	51	ENE	2	0	29·34	−·10	53	50	+9	NE	4	0	4	54	?44	*	*	0·35
	Brest	29·55	49	NW	3	b	29·45	+·01	48	46	+1	E	3	c	3	50	45	*	*	0·08
	Lorient	29·52	52	N	4	b	29·49	+·04	46	45	+1	SE	3	c	4	55	43	*	*	—
	Rochefort	29·53	50	N	4	0	29·56	+·11	49	45	+4	N	4	0	*	55	43	c, o	*	—
	Biarritz	29·53	55	N	5	0	29·70	+·23	54	53	+7	NW	5	bc	5	55	47	*	*	0·32
	Paris	29·43	49	NNW	3	0	29·31	−·16	45	45	−1	WNW	1	0	*	54	45	*	*	—
	Belfort...	29·27	39	E	5	f	?	?	44	43	+3	W	4	f	*	44	39	*	*	—
	Lyons	29·10	50	NNE	4	0	29·36	−·06	42	41	−1	W	1	c	*	51	41	*	*	0·08
	Nice	29·21	51	SE	5	0	29·40	+·02	44	44	−9	E	1	†	6	59	43	*	*	1·46
	Perpignan	29·23	45	W	5	0	29·46	+·10	46	41	+2	WNW	6	0	*	47	42	*	*	0·32
SPAIN. &c.	Corunna	29·85	55	N	5	b	30·02	+·28	54	49	−2	NW	3	b	*	59	50	*	*	—
	Lisbon																	*	*	
	Azores (P. Delgada)...																	*	*	
	,, (Horta) ...	30·38	63	NE	3	b	30·36	−·06	64	61	+2	N	2	bc	1	66	61	*	*	—

NOTES:—(a) *At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + ·03 in., but for Sumburgh Head + ·04 in.: for stations South of Malin Head and North Shields + ·02 in., but for Scilly and Jersey + ·01 in.*

(b) *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

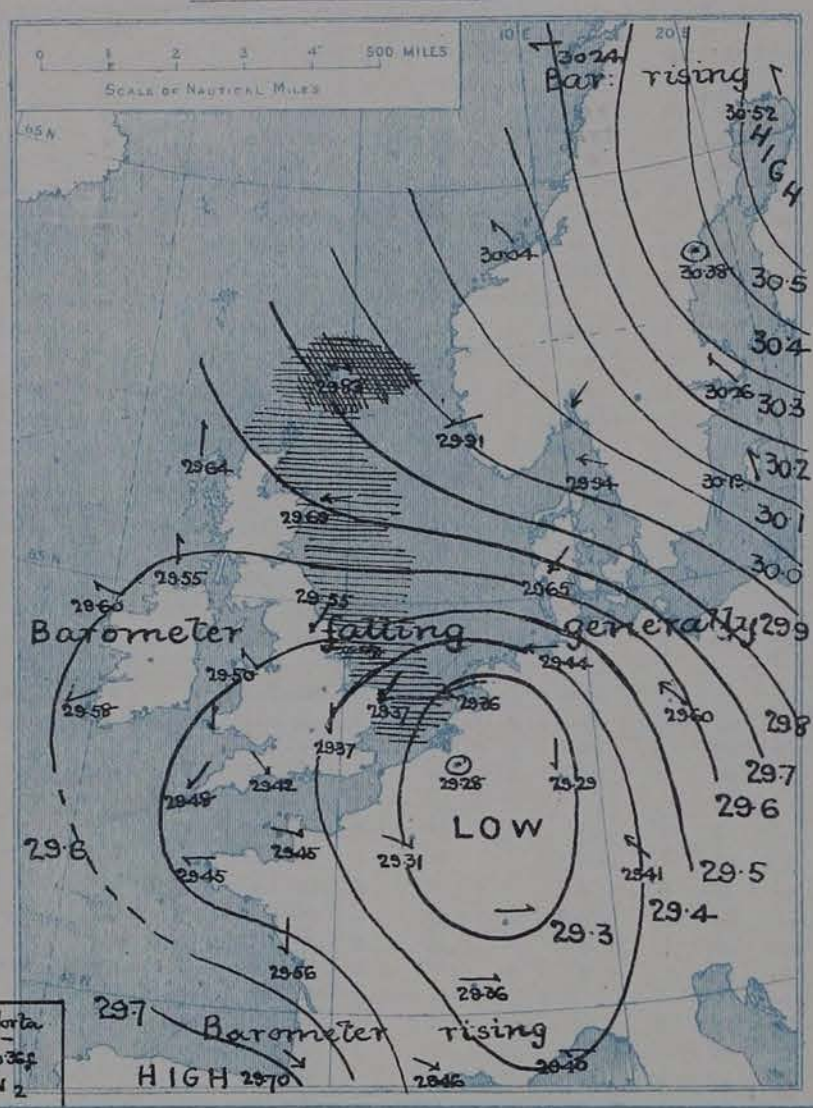
FOR THURSDAY, 1st NOVEMBER, 1906.

I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 — *Force 5 to 7* — } Calm ⊙
Force 8 to 10 — *Force 1 to 4* —

SEA.—Rough *High*

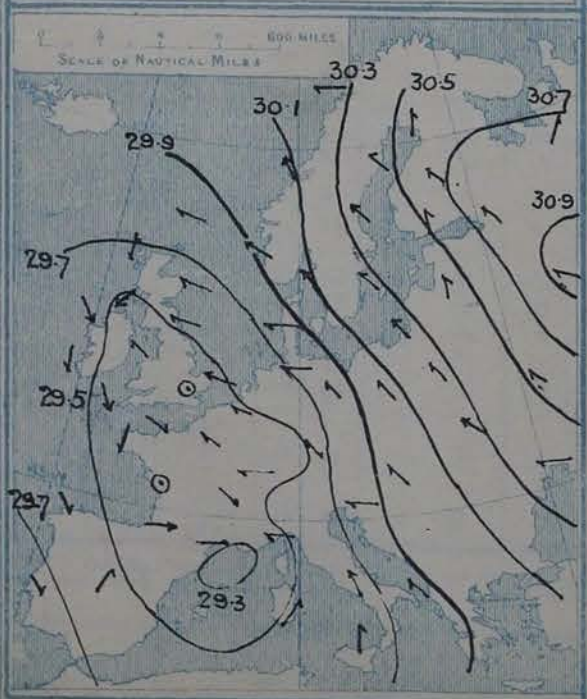


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6

III. BAROMETER AND WIND

Yesterday morning.

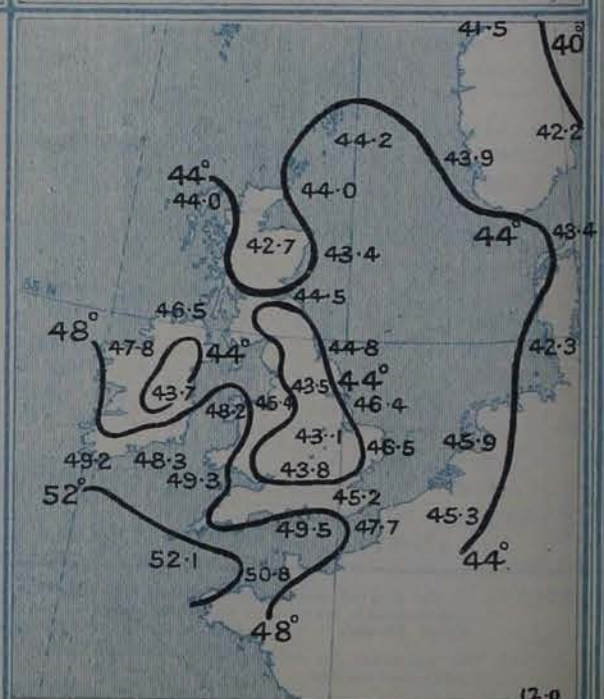


IV. LAST WEEK'S SUNSHINE.

Amount recorded in various districts of the United Kingdom during the week ended Saturday, 27th Oct., with the percentage of the average duration for the corresponding week.

V. *Averages of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* OCTOBER – NOVEMBER.

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)



12·0

GENERAL SITUATION AT 8 A.M.

PRESSURE

The Russian anticyclone appears to be withdrawing eastward, and pressure is giving way over the greater part of the region under observation, but the barometer is still as high as 30·52 ins. at Haparanda. The central space of a low pressure system occupies North-Eastern France and the Rhineland, with barometer readings below 29·3 ins. The gradients are moderately steep between the North Sea and the Baltic.

WIND

The Continental depression forms the centre of a cyclonic circulation of the winds, North-Easterly round the shores of the North Sea, Northerly to Westerly over our south-western districts and France, South-Easterly to Easterly over Germany and Scandinavia. The force of a fresh or a strong breeze is reported on the shores of the North Sea, in Germany, and the extreme south of France; elsewhere light to moderate breezes prevail.

TEMPERATURE

Temperature has fallen over Scandinavia, Scotland and Ireland, risen in most other localities. At the home stations the values range from 34° at Valencia and 35° at Birr Castle, to 51° at several English stations, and 52° at Yarmouth; on the Continent from 37° at Haparanda, 41° at Brussels and Thorshavn, and 42° at Lyons and Bodö, to 53° at Cape Gris Nez, and 54° at Biarritz and Lisbon.

WEATHER AND SEA

The sky is clear in the south of Ireland, at Christiansund and Lisbon, but in most other localities it is very cloudy or overcast. Rain is falling at some of our east and north-east coast stations, and at Belfort and Karlsbad; the atmosphere is misty in places, foggy at Birr Castle and Brussels. A rough or high sea is running off the north-east of Scotland, and it is rather rough generally on the North Sea, and on the lower part of the Bay of Biscay, moderate to very smooth on other coasts.

Temperature rose yesterday to 57° at Lowestoft, and to 56° at Stornoway and Yarmouth, but at several of the western and inland stations the maxima were below 50°; only 46° at Darwen. Slight rain fell at the majority of stations. The duration of bright sunshine was again very variable; several stations had none, while Lowyn registered 8 hours, and Torquay 8·4 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The Continental depression seems to be spreading north-eastward to these Islands, and the conditions, therefore, will remain of an unsettled type over the country generally, with much cloud and dulness, and some cold rain in most localities.

FORECASTS*

For the 24 hours ending at NOON on 2nd November, 1906.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S.E^ly to N.E^ly breezes, light to fresh; changeable, some rain; cool.
1 SCOTLAND EAST	E^ly to N.E^ly breezes, freshening; dull, some rain; cool.
2 ENGLAND N.E.	N^ly (N.E^ly to N.W^ly) winds, freshening; dull, unsettled, some rain; moderate temperature.
3 ENGLAND EAST	
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	
6 SCOTLAND WEST	Same as No. 0.
7 ENGLAND N.W.	N.E^ly to N^ly breezes, light to fresh; changeable, with rain at times; moderate temperature.
8 ENGLAND S.W.	
9 IRELAND NORTH	
10 IRELAND SOUTH	
WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

DAILY WEATHER REPORT. 1st NOVEMBER, 1906

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Strathpeffer, to 6 p.m. ...			*			Brighton	53	41	*	2·9	0·05
Blackpool, to 9 p.m. ...	48	38	o, od	0·0	0·03	Eastbourne, to 6 p.m. ...	51	41	*	0·9	0·19
Southport, to 9 p.m.... ...	47	37	c, o, m, o	0·0	–	Bexhill-on-Sea, to 9 p.m.	52	45	rg, g	0·8	1·03
Rhyl, to 6 p.m.	49	35	?	3·2	–	Hastings	*	*	*	0·6	*
Llandudno, to 9 p.m. ...	48	37	bcp	4·5	0·18	Folkestone, to 6 p.m. ...	55	47	?	3·5	0·23
Bettws-y-Coed, to 6 p.m.	49	33	c, b, o	5·7	–	Broadstairs, to 6 p.m. ...	*	*	*		*
Towyn, to 6 p.m.	49	35	b, bc	8·0	–	Margate, to 6 p.m. ...	54	47	o, b, o	1·5	0·10
Aberystwyth, to 6 p.m. ...	47	37	c, b	7·5	–	Lowestoft, to 6 p.m. ...	57	50	o, c, od, c	1·2	–
Plymouth, to 9 p.m. ...	54	36	bc	8·2	–	Skegness	52	46	r, o, c	0·0	0·46
Torquay, to 6 p.m.	54	35	*	8·4	–	Scarborough, to 6 p.m. ...	51	45	*	9·0	0·56
Bournemouth, to 6 p.m. ...	50	36	*	4·9	–	Harrogate, to 6 p.m. ...					
Bognor, to 6 p.m.	*	*	bc	5·8	*	Darwen, to 9 p.m.	46	35	omq, r, omq	0·0	0·05
Worthing	52	40	w, o, c	3·7	0·07	Manchester, to 9 p.m. ...	51	40	f, o	0·0	0·01
						Birmingham, to 9 p.m. ...	47	36	o	0·0	–

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 31st Oct., 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins
					31st Oct., 1906.				
Flushing	55	48	o, c	–	Rome	67	56	o, o	0·57
Aix-la-Chapelle...	57	41	c, c	–	Naples	65	59	b, o	0·16
Copenhagen	50	45	o, o	–	Malta	not	rec.d		
Oxö (Christiansand)... ...	52	45	b, c	0·36	30th Oct., 1906.	1 p.m.		1 p.m.	Measured 7 a.m.
St. Petersburg	39	36	o, o	–	Geneva	52	*	o	–
Vienna	45	41	r, r	–	Berne	52	*	b	–
Buda-Pesth	55	45	o, r	0·08	Lucerne	48	*	b	–
Hermanstadt	not	rec.d			Coire...	61	*	b	–
Trieste	54	46	o, o	0·16	St. Gotthard	23	*	s	–
Florence	62	36	o, r	0·08	Lugano	50	*	r	–

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (,, ,,)	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

1st Nov., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6·50	11·37	4·24
Greenwich	6·55	11·44	4·33
Wick	7·30	11·56	4·22
Valencia	7·37	12·25	5·13

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FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(Telegraphic Address: WEATHER, LONDON.)

W. N. SHAW (*Director*).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Friday, **Meteorological Office, London.** 2nd November, 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda	30·45	37	S	2	†	30·36	−·16	38	37	+1	SSW	2	0	*	?	36	*	*	0·08
	Hernösand	30·32	42	ESE	4	†	30·27	−·11	41	41	0	ESE	4	7c	*	45	37	*	*	0·28
	Stockholm	30·20	43	ESE	4	†	30·12	−·14	43	41	+1	SE	4	0	*	45	41	*	*	0·04
	Wisby...	30·08	45	WSW	6	0	30·00	−·13	44	41	−1	SE	6	0	*	46	41	*	*	–
	Karlstad	30·07	45	E	3	†	29·96	−·19	44	42	−1	ENE	4	†	*	*	*	*	*	0·08
	Færder (X'tania Fjord)	29·94	44	NNE	5	†	29·85	−·19	46	44	+3	E	6	0	2	46	43	*	*	—
	Bodö	30·21	39	E	2	7	30·16	−·08	39	36	−3	E	4	7	2	43	37	*	*	–
	Christiansund ...	29·87	45	SE	1	7	29·80	−·24	52	46	+8	ESE	1	7c	3	52	43	*	*	–
	Skudesnaes ...	29·62	50	ENE	4	c	29·59	−·32	50	47	+4	E	4	c	3	52	45	c	*	–
BRITISH ISLANDS.	Sumburgh Head	29·68	47	NE	4	0	29·52	−·31	49	46	+2	E	4	0	6	50	46	7,0	*	0·02
	Stornoway	29·52	48	SE	3	0	29·26	−·38	51	50	+2	ESE	3	†	3	52	48	0,†	0·0	0·19
	Malin Head ...	29·36	48	Z	0	0†m	29·18	−·37	48	48	0	WSW	3	0g	2	49	45	†, 0†m	*	0·35
	Blacksod Pt. ...	29·41	47	S	1	c	29·28	−·32	40	39	0	SSW	1	cm	2	51	36	cm	*	–
	Valencia	29·42	47	SSW	1	fm	29·32	−·26	46	44	+12	NW	2	cp	4	52	34	7cm, fm	6·3	0·34
	Roche's Point ...	29·42	40	N	1	7c	29·31	−·26	44	43	+4	NNW	2	0	1	51	38	7, 7c	*	–
	Birr Castle ...	29·42	40	Z	0	c	29·30	−·28	29	28	−6	Z	0	of	*	42	27	cf	0·0	–
	Donaghadee ...	29·37	51	ESE	3	0	29·22	−·33	46	45	−5	WSW	2	c	3	52	45	om, or, 7p	*	0·02
	Liverpool Obsy...	29·32	48	NNE	1	m	29·18	−·31	48	48	+1	W	2	0	1	49	47	om, 7p	*	0·02
	Holyhead	29·33	49	Z	0	dgm	29·21	−·29	48	47	0	WNW	4	0	3	55	46	†, dgm	*	0·16
	Pembroke (St. Ann's Hd.)	29·34	49	NW	4	0	29·28	−·21	47	45	*	NW	3	7c	3	51	45	ogm7p	0·0	0·03
	Scilly (St. Mary's) ...	29·43	48	NNW	5	c	29·31	+·17	48	46	+1	WNW	3	c	3	52	46	c	5·6	–
	Jersey (St. Aubins) ...	29·36	51	W	3	ogm	29·35	−·10	51	46	0	W	4	om	3	53	50	ogm, cp	0·0	0·01
	Portland Bill ...	29·32	51	NW	3	0	29·27	−·15	50	47	+3	NW	4	c	4	52	46	om, 0	*	–
	Dungeness	29·23	50	NW	1	0	29·20	−·11	49	48	−2	W	3	0	2	54	49	0	0·0	0·03
	Wick	29·52	49	E	6	†	29·34	−·38	50	49	+2	E	7	ou	7	50	45	–	*	0·10
	Nairn	29·49	47	E	3	†	29·26	−·41	51	50	+4	ESE	2	0	2	52	46	–	0·0	0·07
	Aberdeen	29·48	49	E	6	†	29·29	−·40	50	50	+1	E	5	†	6	51	48	†, 0†q	0·0	0·43
	Leith	29·39	49	ENE	3	†	29·19	−·42	50	49	+1	E	2	0†	*	50	49	†	*	0·30
	North Shields ...	29·33	48	ENE	4	†	29·16	−·39	50	50	+1	NE	3	d	7	50	46	d, †	*	0·23
	Spurn Head ..	29·22	51	NE	4	od	29·12	−·29	50	49	−1	NNW	2	opdm†	5	51	50	dm, 0, d	*	0·06
	Yarmouth	29·20	52	ENE	2	od	29·12	−·25	49	49	−3	W	3	of	4	53	48	og, og, od	*	0·01
	Clacton-on-Sea ...	29·23	50	WNW	1	m	29·17	−·18	49	48	−2	WNW	2	m	2	52	48	ogm	0·0	0·03
	Nottingham ...	29·26	50	NNW	1	0	29·16	−·28	50	48	+1	W	1	om	*	51	48	dm, 0	0·0	0·07
	Bath	29·31	49	NE	1	m	29·26	−·19	47	45	+2	W	1	c	*	50	45	–	0·0	0·05
	Oxford	29·27	49	NW	1	0	29·21	−·21	46	45	−2	W	1	0	*	51	46	0	*	–
	London (St. James' Park)	29·25	52	NW	2	0	29·20	−·17	48	47	−3	W	1	og d	*	53	48	0, od	0·0	–
GERMANY, &c.	The Scaw (Skagen)	29·86	49	ESE	6	0	29·71	−·23	49	47	+2	ESE	6	0	2	56	46	*	*	–
	Fanö	29·51	47	NE	7	0	29·37	−·28	48	47	+1	NE	8	0	*	50	46	*	*	–
	Cuxhaven	29·42	50	E	4	7	29·25	−·24	51	49	+6	SSE	6	dq	*	54	?45	*	*	0·04
	The Helder ...	29·31	47	SSE	1	0	29·18	−·18	46	45	−2	SSE	1	0	1	52	46	*	*	–
	Brussels	*	*	*	*	*	29·23	−·05	44	43	+3	S	5	†	*	48	41	*	*	0·08
	Berlin	29·51	55	SE	2	c	29·55	−·05	49	46	−1	SSE	1	7	*	59	48	*	*	0·24
	Frankfürt	29·34	50	SW	1	†	29·48	+·19	45	42	−4	SW	3	0	*	55	45	*	*	0·39
	Munich	29·55	44	SW	5	c	29·65	+·24	39	39	−8	SSE	1	c	*	50	37	*	*	0·24
FRANCE.	C. Gris Nez ...	29·26	51	N	4	†	29·22	−·12	51	49	−2	W	4	f	4	55	50	*	*	0·08
	Brest	29·44	51	W	4	7	29·37	−·08	52	48	+4	W	4	7c	3	54	48	*	*	–
	Lorient	29·41	52	W	3	c	29·41	−·08	52	50	+6	W	4	0	4	57	46	*	*	0·04
	Rochefort	29·48	55	W	5	7c	29·51	−·05	54	51	+5	SW	3	0	*	59	?49	7c	*	0·16
	Biarritz	29·67	59	W	6	†	29·63	−·07	54	53	0	S	3	0	5	59	50	7rh, †	*	2·17
	Paris	29·32	47	SW	3	†	29·37	+·06	46	45	+1	SW	3	†	*	50	44	*	*	1·34
	Belfort...	29·38	49	W	7	0	29·51	?	41	40	−3	W	2	c	*	54	39	*	*	–
	Lyons	29·61	43	W	1	0	29·57	+·21	44	42	+2	S	1	7c	*	55	33	*	*	–
	Nice	29·48	45	Z	0	7c	29·65	+·25	47	43	+3	Z	0	c	5	55	41	*	*	0·08
	Perpignan	29·67	50	W	1	0	29·72	+·26	45	44	−1	W	1	c	*	55	42	*	*	–
SPAN. PEN.	Corunna																	*	*	
	Lisbon	30·05	58	WSW	3	7c	29·99	−·03	60	59	+6	WSW	4	0	*	64	?54	*	*	0·08
	Azores (P. Delgada)...																	*	*	
	,, (Horta) ...	30·37	63	NNE	2	0	30·37	+·01	60	56	−4	WNW	1	0	1	70	59	*	*	0·08

NOTES:—(a) *At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + ·03 in., but for Sumburgh Head + ·04 in.; for stations South of Malin Head and North Shields + ·02 in., but for Scilly and Jersey + ·01 in.*

(b) *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

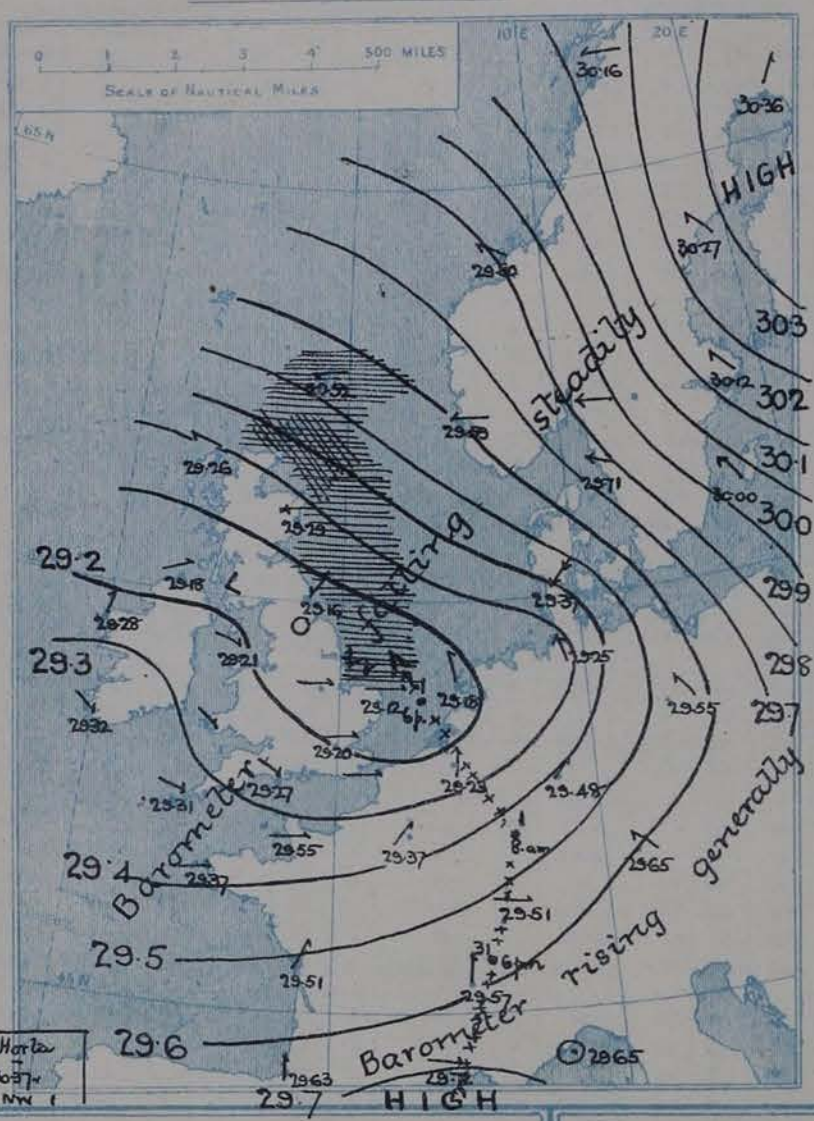
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR FRIDAY, 2ND NOVEMBER, 1906.

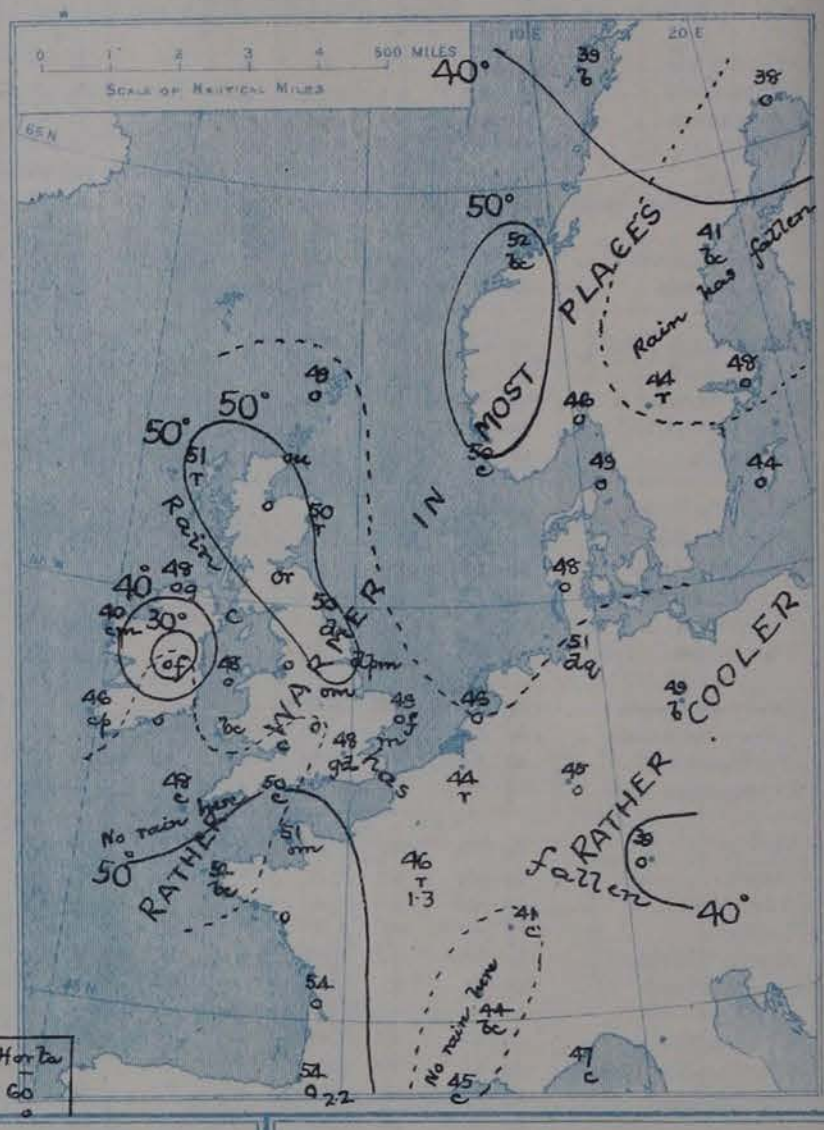
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 ⟶⟶ : *Force 5 to 7* ⟶ : } Calm ⊙
Force 8 to 10 ⟶ : *Force 1 to 4* ⟶ :
SEA.—Rough *High*



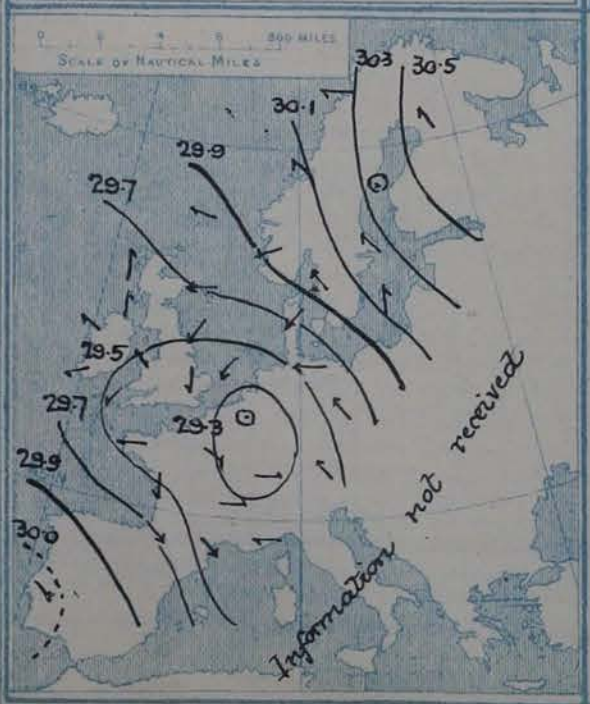
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0·6



III. BAROMETER AND WIND

Yesterday morning.



IV. RAINFALL IN 1906.

Total Amount recorded in various districts of the United Kingdom in the 43 weeks ended Saturday, 27th Oct., with the percentage of the average amount for the corresponding period.

V. *Averages of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* OCTOBER – NOVEMBER.

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)

GENERAL SITUATION AT 8 A.M.

PRESSURE

The Russian anticyclone continues its eastward movement, and pressure is giving way all over northern and north-western Europe, the highest barometer reading reported this morning being 30·36 ins. at Haparanda. The area of lowest pressure, with readings below 29·2 ins., forms an irregular space between the north of Ireland and the Netherlands. The gradients are moderately steep beyond the North Sea.

WIND

The winds follow the general distribution of pressure, North-Westerly over England, Ireland and the western parts of the Continent, and Southerly to Easterly elsewhere. The Easterly current is fresh or strong in several localities, very strong at Wick, and a fresh gale at Sanö.

TEMPERATURE

The temperature changes are irregular, but a rise has taken place at most of the home and foreign stations. At Birr Castle the present reading is as low as 29°, but over these Islands generally the values are from 48° to 51°; on the Continent the readings range from 38° at Haparanda and 39° at Bodö and Munich, to 54° at Biarritz and Rochefort, and 60° at Lisbon.

WEATHER AND SEA

Both at home and abroad the sky is mostly very cloudy or overcast, showers or steady rain falling in several localities, and in various parts of these Islands the atmosphere is misty or foggy. A high sea is running on the coasts of Caithness and Yorkshire; the North Sea generally is rough, and the sea is rather rough off Biarritz and Nice.

During yesterday temperature rose to 50° and upwards at nearly all our home stations, to 55° at Holyhead and Margate. In Central Ireland the thermometer fell to 27° in the night, while mildness prevailed elsewhere. Rain fell nearly everywhere, the amounts generally being small, but in France there were some heavy falls, 1·3 in. at Paris, and 2·2 ins. at Biarritz, where a thunderstorm occurred. Valencia had 6·3 hours of bright sunshine, and Scilly 5·6 hours; all other stations reported none.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The changes in progress are of a very indefinite character. Pressure will remain rather low, and no important improvement in the general weather features is expected during the coming twenty-four hours.

FORECASTS*

For the 24 hours ending at NOON on 3rd November, 1906.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Fresh to light E.ly and variable breezes; dull, some rain; mild.
1 SCOTLAND EAST	
2 ENGLAND N.E.	Light variable to N.W.ly breezes; dull, some rain, mist or fog; mild.
3 ENGLAND EAST	Light to moderate W.ly and N.W.ly to variable breezes; dull, some rain, mist or fog in places; mild.
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	
6 SCOTLAND WEST	Light variable breezes, dull, some rain; mild.
7 ENGLAND N.W.	Same as Nos. 3 to 5.
8 ENGLAND S.W.	
9 IRELAND NORTH	Variable W.ly breezes; dull, some rain and mist; mild.
10 IRELAND SOUTH	Same as Nos. 3 to 5.
WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

DAILY WEATHER REPORT.

2nd November, 1906

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.
Strathpeffer, to 6 p.m. ...			*		
Blackpool, to 9 p.m. ...	51	48	o	0·0	–
Southport, to 9 p.m.... ...	50	46	o, c, r, o	0·0	0·02
Rhyl, to 6 p.m.	50	40	c, o, r, o	0·0	0·05
Llandudno, to 9 p.m. ...	48	42	o/p	0·0	0·04
Bettws-y-Coed, to 6 p.m.					
Towyn, to 6 p.m.	51	38	m, o	0·0	0·01
Aberystwyth, to 6 p.m. ...	49	37	o, c, o	0·0	–
Plymouth, to 9 p.m. ...	50	37	o, bc, o	0·0	–
Torquay, to 6 p.m.	49	40	*	0·0	0·02
Bournemouth, to 6 p.m. ...	49	38	*	0·0	–
Bognor, to 6 p.m.	*	*	og	0·0	*
Worthing	51	43	o, ou	0·0	

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Brighton	51	45	*	0·0	–
Eastbourne, to 6 p.m. ...	52	47	*	0·0	–
Bexhill-on-Sea, to 9 p.m.	51	50	og, m	0·0	0·03
Hastings	*	*	*	0·0	*
Folkestone, to 6 p.m. ...	52	49	o, d	0·0	–
Broadstairs, to 6 p.m. ...	*	*	*		*
Margate, to 6 p.m. ...	55	49	o	0·0	–
Lowestoft, to 6 p.m. ...	53	49	o, c, od	0·0	–
Skegness	52	50	o, r, o	0·0	0·04
Scarborough, to 6 p.m. ...	51	48	*	0·0	0·03
Harrogate, to 6 p.m. ...					
Darwen, to 9 p.m.	48	35	omq, od	0·0	0·09
Manchester, to 9 p.m. ...	51	50	c, b, r, o	0·0	0·01
Birmingham, to 9 p.m. ...	49	44	o, d, o	0·0	0·07

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 1st Nov., 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.
Flushing	Observations not received			
Aix-la-Chapelle...				
Copenhagen				
Oxö (Christiansand)... ...				
St. Petersburg				
Vienna				
Buda-Pesth				
Hermanstadt				
Trieste				
Florence				

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins
1st Nov., 1906.				
Rome	Observations not received.			
Naples				
Malta				
31st Oct., 1906.	1 p.m.		1 p.m.	Measured 7 a.m.
Geneva	54	*	bc	–
Berne	52	*	bc	–
Lucerne	52	*	b	–
Coire...	61	*	o	–
St. Gotthard	32	*	s	?
Lugano	46	*	r	1·73

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (,, ,,)	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

2nd Nov., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6·52	11·37	4·22
Greenwich	6·57	11·44	4·31
Wick	7·32	11·56	4·20
Valencia	7·39	12·25	5·11

TERMS OF SUBSCRIPTION for the Daily Weather Report forwarded by Book Post, £1 per annum *payable quarterly in advance.*

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(Telegraphic Address: WEATHER, LONDON.)

W. N. SHAW (*Director*).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Saturday, Meteorological Office, London. 3rd November, 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max.	Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	30·32	37	SW	2	0	30·37	+·01	36	35	−2	SW	2	0	*	39	36	*	*	0·04
	Hernösand	30·27	40	Z	0	†	30·30	+·03	39	38	−2	SSE	2	0	*	45	36	*	*	0·04
	Stockholm	30·10	42	SE	4	†	30·13	+·01	41	41	−2	SSE	2	†	*	43	41	*	*	0·12
	Wisby...	29·99	42	SE	6	0	30·03	+·03	41	40	−3	SE	4	†	*	46	34	*	*	0·16
	Karlstad	29·97	42	NE	4	†	30·04	+·08	42	42	−2	E	4	0	*	*	*	*	*	0·59
	Færder (X'iania Fjord)	29·84	46	E	6	0	29·91	+·06	46	45	0	ESE	5	0	3	48	45	*	*	0·63
	Bodö	30·13	40	E	2	b	30·17	+·01	40	37	+1	E	4	b	1	45	37	*	*	—
	Christiansund ...	29·79	50	NE	2	b	29·83	+·03	50	44	−2	ENE	3	bc	3	55	48	*	*	—
	Skudesnaes ...	29·58	57	E	8	c	29·71	+·12	51	48	+1	ESE	6	0	4	52	48	o, c	*	—
BRITISH ISLANDS.	Sumburgh Head	29·44	49	E	4	†	29·40	−·12	49	47	0	ESE	7	†	7	51	46	o, †	*	0·05
	Stornoway	29·23	48	ESE	4	†	29·11	−·15	52	50	+1	ESE	3	o	3	52	49	ap, †	0·0	0·15
	Malin Head ...	29·08	48	NW	3	rm	29·03	−·15	44	43	−4	SSW	5	c	3	49	43	r, rm	*	0·77
	Blacksod Pt. ...	29·18	48	WSW	2	bc	29·00	−·28	49	47	+9	SSW	6	rqm	3	51	38	bc	*	0·21
	Valencia	29·27	45	W	4	pm	29·144	−·18	43	41	−3	SE	1	bc	4	51	38	c, pm	3·1	0·20
	Roche's Point ...	29·24	46	NW	3	bc	29·20	−·11	39	39	−5	NNW	1	b	1	51	36	c, bc	*	—
	Birr Castle ...	29·20	40	Z	0	b	29·17	−·13	36	35	+7	SSE	2	bc	*	47	28	b, p	6·3	0·01
	Donaghadee ...	29·09	47	WSW	2	†	29·20	−·02	45	44	−1	S	2	bc	3	50	41	om, or, bc	*	0·29
	Liverpool Obsy...	29·14	46	W	4	bc	29·31	+·13	37	36	−11	SE	3	b	3	50	36	bcp	*	0·04
	Holyhead	29·15	46	W	3	c	29·23	+·02	46	46	−2	S	3	c	3	50	45	c	*	0·06
	Pembroke (St. Ann's Hd.)	29·22	49	W	3	c	29·24	−·04	46	43	−1	S	3	cp	3	51	44	bc, c	5·8	0·11
	Scilly (St. Mary's) ...	29·30	48	WNW	3	op	29·25	−·06	46	45	−2	WSW	2	cp	5	51	45	c, op	3·7	0·30
	Jersey (St. Aubins) ...	29·32	51	WNW	3	bc	29·35	00	49	45	−2	SSW	3	cq	3	56	47	rhp, bc, cp	2·8	0·22
	Portland Bill ...	? 29·24	53	WNW	4	b	29·30	+·03	49	46	−1	W	3	cp	3	54	47	bc, b	*	0·13
	Dungeness	29·27	52	SW	6	bc	29·34	+·14	47	45	−2	S	1	†	1	53	45	c, bc, †	0·9	1·13
	Wick	29·24	49	E	8	†	29·26	+·08	50	49	0	SE	6	c	7	51	48	—	*	0·30
	Nairn	29·15	48	ESE	3	†	29·22	−·04	46	44	−5	SSW	3	bc	2	52	46	—	0·0	0·22
	Aberdeen	29·13	51	E	6	†	29·34	+·05	49	46	−1	SSE	3	bc	5	51	48	o, or q, bc	0·0	0·50
	Leith	29·02	50	ENE	4	†	29·30	+·11	45	42	−5	SE	3	b	*	51	44	†	*	0·23
	North Shields ...	28·96	48	ENE	2	†	29·36	+·20	42	40	−8	SSW	2	c	5	51	38	†	*	0·70
	Spurn Head ..	29·09	49	SW	4	†	? 29·35	+·23	50	48	0	SE	4	op	4	57	43	rm, f	*	0·45
	Yarmouth	29·16	49	WSW	4	0	29·36	+·24	52	50	+3	SSE	5	c	4	52	45	†, o	*	0·26
	Clacton-on-Sea ...	29·25	48	SW	3	c	29·36	+·19	46	46	−3	WSW	1	†	1	51	46	ogm, r, c	0·0	0·23
	Nottingham ...	29·14	46	SW	1	b	29·34	+·18	37	36	−13	E	1	om	*	51	33	dm, b	0·0	—
	Bath	29·24	47	NW	1	bc	29·33	+·07	34	34	−13	NE	1	f	*	54	32	—	5·7	—
	Oxford	29·27	44	SW	1	b	29·35	+·14	34	33	−12	Z	0	f	*	53	30	d, bc, bf	*	0·01
	London (St. James' Park)	29·24	49	SW	1	bm	29·34	+·14	47	45	−1	Z	0	o	*	52	44	r, bc, b	0·4	0·08
GERMANY, &c.	The Scaw (Skagen)	29·75	49	ESE	7	0	29·85	+·14	48	47	−1	SE	3	o	1	50	48	*	*	0·12
	Fanö	29·57	42	SE	6	c	29·70	+·33	42	41	−6	ESE	4	c	*	50	41	*	*	—
	Cuxhaven	29·49	49	S	6	0	29·66	+·41	39	38	−12	SE	2	b	*	51	39	*	*	—
	The Helder ...	29·28	49	S	2	†	29·52	+·34	45	44	−1	SE	2	bc	2	50	43	*	*	0·35
	Brussels	*	*	*	*	*	29·45	+·22	45	44	+1	SSE	4	o	*	48	41	*	*	0·12
	Berlin	29·70	49	Z	0	b	29·69	+·14	45	44	−4	SE	2	o	*	54	43	*	*	—
	Frankfurt	29·63	49	SW	3	0	29·63	+·15	43	44	−2	E	1	o	*	53	41	*	*	—
	Munich	29·68	45	SE	1	0	29·70	+·05	36	36	−3	SE	1	b	*	50	36	*	*	—
FRANCE.	C. Gris Nez ...	29·31	50	SW	5	0	29·38	+·16	46	45	−5	W	4	†	4	55	45	*	*	0·47
	Brest	29·36	51	WNW	5	0	29·32	−·05	50	46	−2	WNW	4	c	4	53	46	*	*	0·04
	Lorient	29·40	52	WNW	5	b	29·37	−·04	46	45	−6	S	3	†	4	55	45	*	*	0·20
	Rochefort	29·49	52	NW	4	0	29·41	−·10	49	48	−5	SSE	3	†	*	57	45	0	*	0·51
	Biarritz	29·67	59	W	6	0	29·56	−·07	50	50	−4	S	2	†	4	61	48	b	*	0·20
	Paris	29·45	47	SSE	3	0	29·50	+·13	44	43	−2	SSW	3	o	*	53	44	*	*	0·24
	Belfort...	29·59	45	WSW	4	0	29·62	+·11	41	41	0	Z	0	†	*	53	41	*	*	0·04
	Lyons	29·62	48	S	2	†	29·63	+·06	43	40	−1	S	1	c	*	55	43	*	*	0·04
	Nice	29·69	50	W	2	c	29·60	−·05	46	46	−1	W	2	†	5	57	43	*	*	0·20
	Perpignan	29·63	52	N	1	b	29·65	−·07	41	41	−4	SW	2	b	*	62	40	*	*	0·04
SPAN. PEN.	Corunna																	*	*	
	Lisbon	29·99	57	SW	3	bc	29·93	−·06	58	57	−2	SW	3	c	*	64	54	*	*	0·08
	Azores (P. Delgada)...																	*	*	
	,, (Horta) ...	30·35	57	NW	2	b	30·23	−·14	57	55	−3	WNW	1	b	1	66	54	*	*	—

NOTES:—(a) *At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + ·03 in., but for Sumburgh Head + ·04 in.; for stations South of Malin Head and North Shields + ·02 in., but for Scilly and Jersey + ·01 in.*

(b) *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

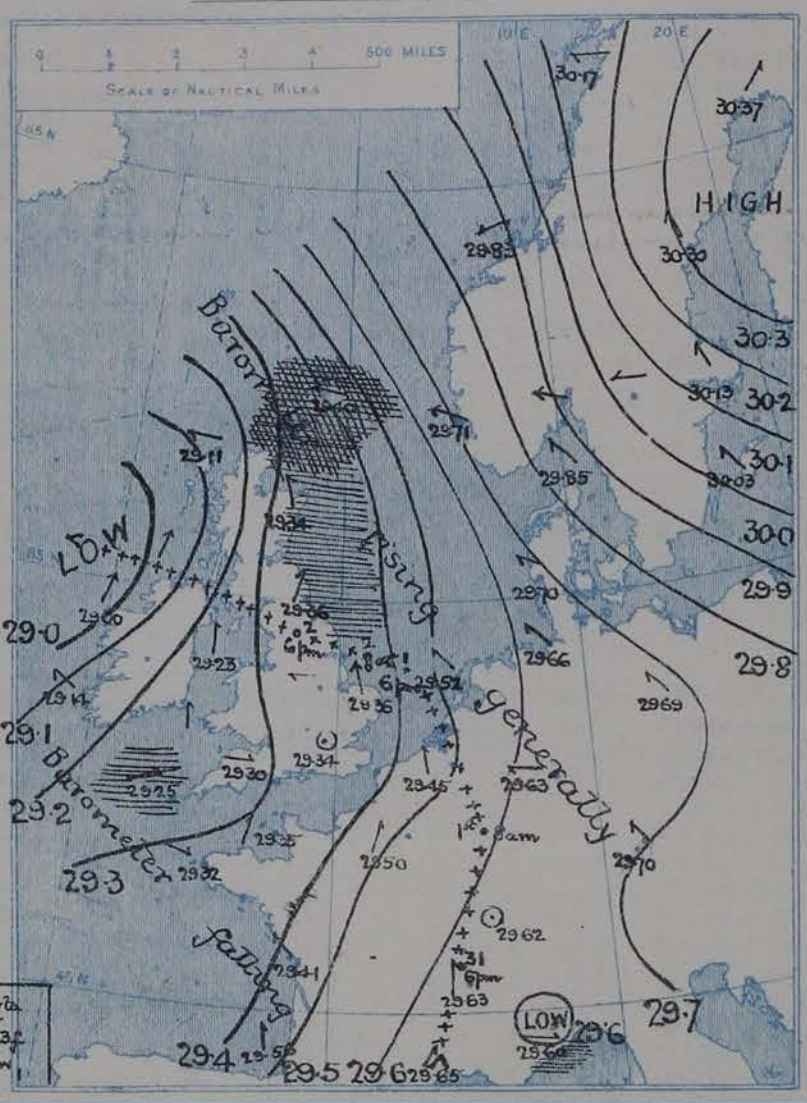
FOR SATURDAY, 3RD NOVEMBER, 1906.

I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; } Calm ⊙

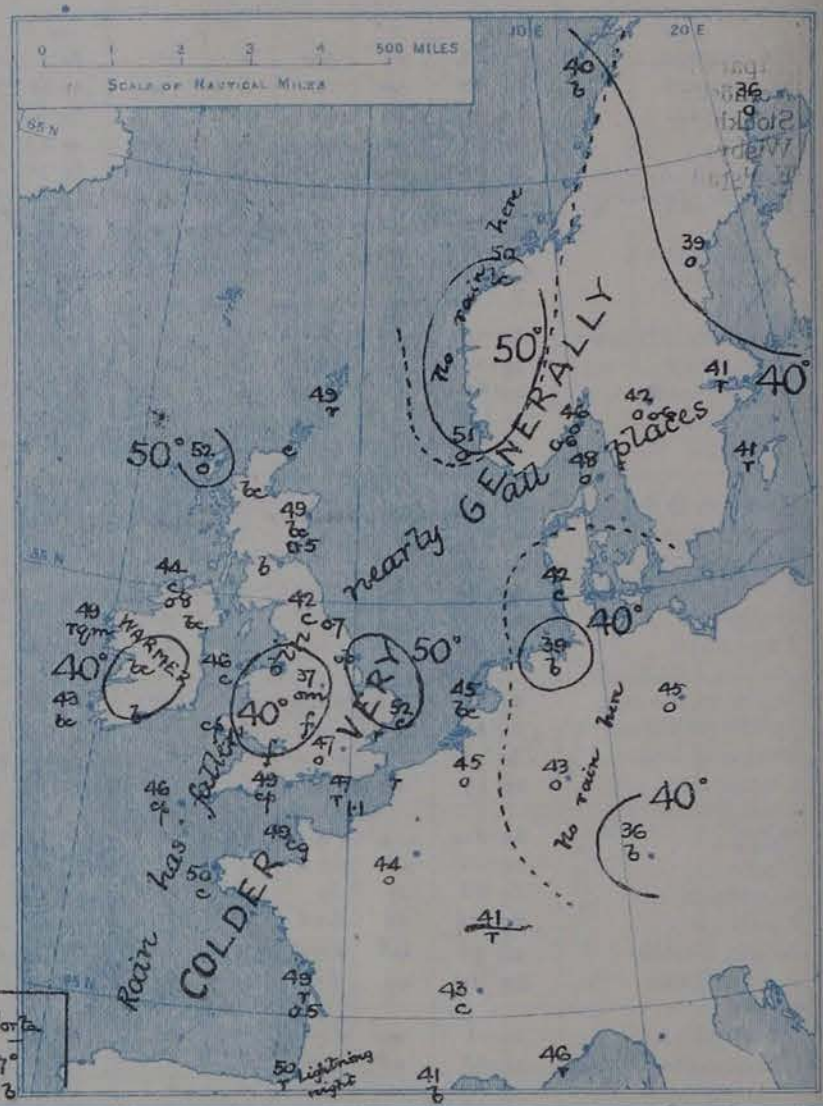
SEA.—Rough *High*



II. TEMPERATURE AND WEATHER. *This Morning.*

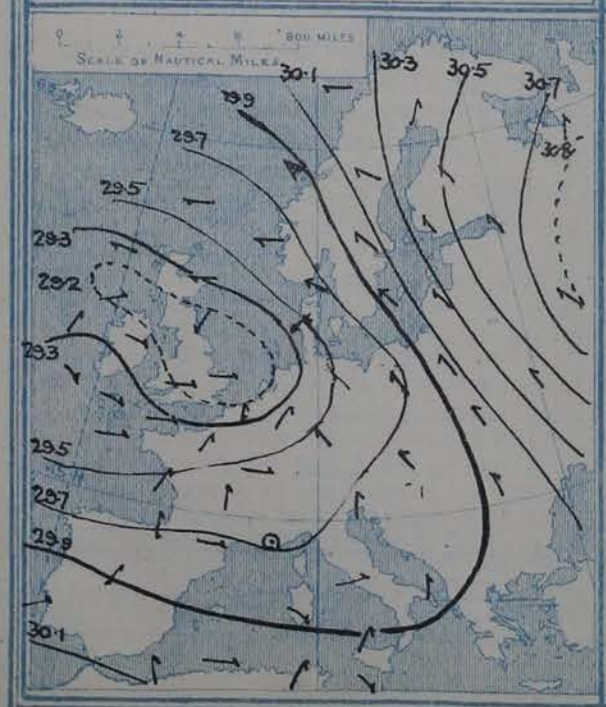
TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0·6



III. BAROMETER AND WIND

Yesterday morning.



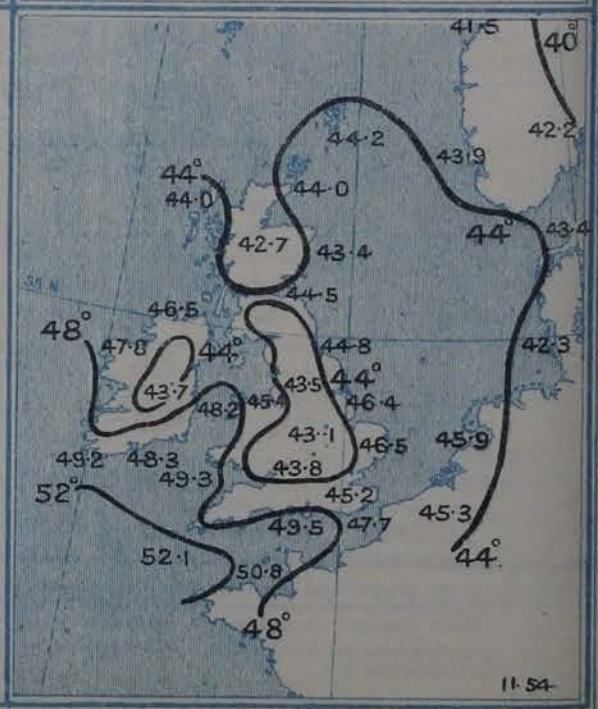
IV. BRIGHT SUNSHINE IN 1906.

Total Duration recorded in various districts of the United Kingdom in the 43 weeks ended Saturday, 27TH OCT., with the percentage of the average duration for the corresponding period.

V. *Averages of* DAILY TEMPERATURE *at 8 A.M. for the monthly period*

OCTOBER – NOVEMBER.

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)



11·54

GENERAL SITUATION AT 8 A.M.

PRESSURE

An anticyclone is still centred over north-eastern Europe, the barometer at Haparanda reading 30·37 ins. The central space of a deep low pressure system is indicated beyond our north-western coasts, the mercury having fallen to 29 ins. at Blacksod Point. Small secondary irregularities of pressure are found over our southern districts and eastward into Germany. The barometer is falling on our south-western coasts and down the Bay of Biscay, rising in all other regions. The gradients are moderate over the greater part of our area.

WIND

Between the high and the low pressure systems the winds are South-Westerly to Southerly and South-Easterly in direction, light or moderate in force in nearly all localities, but are fresh or strong on the north-west coast of Ireland, and on the upper part of the North Sea, very strong in the Shetlands.

TEMPERATURE

Temperature has fallen at nearly every station at home and abroad, very decidedly in several parts of England. At the home stations the values range from 34° at Bath and Oxford, 36° at Birr Castle, and 37° at Liverpool and Nottingham, to 50° at Spurn Head and Wick, and 52° at Stornoway and Yarmouth; on the Continent from 36° at Haparanda and Munich, and 39° at Cuxhaven and Hernösand, to 50° at Brest and Christiansund, 51° at Skudesnaes, and 58° at Lisbon.

WEATHER AND SEA

The weather is extremely variable, from fine and clear in some localities to dull and gloomy in others, with showers or steady rain at a number of home and foreign stations, and mist or fog over the inland counties of England. A high sea is running off the north-east of Scotland, and it is rather rough generally on the upper part of the North Sea. At the entrance to the English Channel a ground sea has set in from the westward. Off Nice the sea is still rather rough.

Temperatures of 50° and upwards were general yesterday, 56° on the western half of the Channel. A slight frost occurred at Bath and Oxford. Rain fell nearly everywhere, heavily in various districts, 1·1 ins. at Dungeness. Many stations had no bright sunshine, while Plymouth registered 7·6 hours and Torquay 7·7 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The barometer is rising decidedly over our northern districts, and the north-western disturbance appears to be moving south-westward, probably to recurve to the south-eastward for the Bay region later. A South-easterly type, therefore, is likely to become general over the country, with variable weather.

FORECASTS*

For the 24 hours ending at NOON on 4th November, 1906.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST 2 ENGLAND N.E.	Fresh to light E.ly and S.E.ly breezes; changeable, rain at times; moderate temperature.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	Calms and light variable S.W.ly to S.E.ly breezes, freshening somewhat later; cloudy, some rain, mist or fog locally; moderate temperature.
6 SCOTLAND WEST 7 ENGLAND N.W. 8 ENGLAND S.W 9 IRELAND NORTH 10 IRELAND SOUTH	Light to fresh S.ly and S.E.ly breezes; very changeable, rain at times, some mist or fog; moderate temperature
WARNINGS	At 7·0 p.m. yesterday to districts 1, and parts of 0 and 2, "HOIST NORTH CONE".

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

DAILY WEATHER REPORT.

3rd November, 1906

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.
Strathpeffer, to 6 p.m. ...			*		
Blackpool, to 9 p.m. ...	51	47	o, or, ou	0·0	0·18
Southport, to 9 p.m.... ...	50	46	c, or, b	0·0	0·03
Rhyl, to 6 p.m.	50	48	o, r, o	0·0	0·07
Llandudno, to 9 p.m. ...	50	46	bcp	0·5	0·11
Bettws-y-Coed, to 6 p.m.	50	44	o, c, b	1·7	0·22
Towyn, to 6 p.m.	53	45	c, bc	5·6	0·02
Aberystwyth, to 6 p.m. ...	51	43	c, b, c	6·5	—
Plymouth, to 9 p.m. ...	56	39	c, b, p, bc	7·6	0·01
Torquay, to 6 p.m.	55	?	*	7·7	—
Bournemouth, to 6 p.m. ...	56	45	*	6·9	0·01
Bognor, to 6 p.m.	*	*	c, bc	5·3	*
Worthing	54	46	r, o, c, b, c	3·1	0·26
Brighton	54	46	*	2·8	0·16
Eastbourne, to 6 p.m. ...	53	47	*	?2·0	0·16
Bexhill-on-Sea, to 9 p.m.	53	47	og, o	1·9	0·05
Hastings	*	*	*	1·3	*
Folkestone, to 6 p.m. ...	51	47	o, r, o, b	0·4	0·02
Broadstairs, to 6 p.m. ...	*	*	*		*
Margate, to 6 p.m. ...	50	49	r, o	0·0	0·03
Lowestoft, to 6 p.m. ...	50	47	o, r, or	0·0	0·26
Skegness	50	48	r, o	0·0	0·25
Scarborough, to 6 p.m. ...	50	47	*	0·0	0·41
Harrogate, to 6 p.m. ...					
Darwen, to 9 p.m.	48	39	omr	0·0	0·36
Manchester, to 9 p.m. ...	52	43	om, bcv	0·0	0·13
Birmingham, to 9 p.m. ...	51	40	c, b	1·5	—

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 2nd Nov., 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.
Flushing	48	46	m, mv	0·04
Aix-la-Chapelle...	52	43	o, o	—
Copenhagen	50	41	c, r	—
Oxö (Christiansand)... ...	46	45	r, r	0·28
St. Petersburg	?	?	b, b	—
Vienna	54	45	r, b	0·08
Buda-Pesth	61	50	r, o	0·24
Hermanstadt	54	50	b, o	0·08
Trieste	63	52	o, r	0·71
Florence	57	50	o, r	1·10

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.
2nd Nov., 1906.				
Rome	63	52	bc, o	0·32
Naples	?	?	o, o	—
Malta	77	64	b	—
1st Nov., 1906.	1 p.m.		1 p.m.	Measured 7 a.m.
Geneva	57	*	bo	
Berne	48	*	m	—
Lucerne	46	*	r	—
Coire...	46	*	r	0·08
St. Gotthard	27	*	s	1·26
Lugano	45	*	r	1·72

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (,, ,,)	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

3rd Nov., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6·54	11·37	4·20
Greenwich	6·59	11·44	4·29
Wick	7·35	11·56	4·17
Valencia	7·41	12·25	5·9

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FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(Telegraphic Address: WEATHER, LONDON.)

W. N. SHAW (*Director*).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Sunday, **Meteorological Office, London.** 4th NOVEMBER, 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	30.43	35	S	2	c	30.43	+.06	31	30	-5	ESE	2	o	*	37	31	*	*	0.08
	Hernösand	30.35	36	SE	2	o	30.36	+.06	37	36	-2	SE	2	o	*	41	34	*	*	0.08
	Stockholm	30.17	42	SE	6	o	30.16	+.03	41	41	0	ESE	4	r	*	43	39	*	*	0.16
	Wisby...	30.08	41	SE	4	r	30.07	+.04	42	41	+1	SE	4	o	*	43	36	*	*	0.39
	Karlstad	30.09	41	NE	2	r	30.11	+.07	41	40	-1	NE	2	o	*	*	*	*	*	0.12
	Færder (X'iania Fjord)	29.99	43	NE	5	o	30.01	+.10	43	42	-3	ENE	5	o	2	46	43	*	*	0.08
	Bodö	30.24	36	E	2	b	30.25	+.08	35	33	-5	E	2	b	1	41	32	*	*	—
	Christiansund ...	29.95	49	ENE	1	bc	29.97	+.14	45	40	-5	ESE	1	b	2	54	43	*	*	—
	Skudesnaes ...	29.87	50	E	4	o	29.88	+.17	48	43	-3	ENE	6	o	2	54	45	o	*	—
BRITISH ISLANDS.	Sumburgh Head	29.62	49	ESE	5	o	29.82	+.42	46	44	-3	ESE	4	c	6	50	45	o	*	0.04
	Stornoway	29.47	48	ESE	4	o	29.53	+.42	49	47	-3	ESE	4	bc	4	54	47	bc, o	5.0	0.01
	Malin Head ...	29.28	45	SE	4	b	29.38	+.35	44	43	0	SE	1	bcm	2	50	43	b	*	0.04
	Blacksod Pt. ...	29.18	48	ESE	5	ogpm	29.33	+.33	44	42	-5	ENE	4	b	3	50	41	cgm, o	*	0.13
	Valencia	29.17	46	SE	2	cp	29.18	+.04	43	41	0	ENE	3	op	4	53	42	cpr, op	5.0	0.13
	Roche's Point ...	29.22	50	S	3	c	29.18	-.02	47	47	+8	SE	4	pg	4	52	39	f, cp	*	0.50
	Birr Castle ...	29.25	41	SE	1	b	29.30	+.13	39	37	+3	ENE	2	b	*	51	33	b, p	7.8	0.01
	Donaghadee ...	29.34	50	SE	4	bc	29.43	+.23	48	47	+3	ESE	4	c	4	52	44	bcm	*	0.01
	Liverpool Obsy...	29.39	40	SE	1	b	29.43	+.12	40	39	+3	ESE	2	m	?	48	37	bm	*	—
	Holyhead	29.32	45	SE	1	bc	29.38	+.15	44	43	-2	E	3	b	2	51	41	bc	*	—
	Pembroke (St. Ann's Hd.)	29.28	49	S	4	c	29.23	-.01	44	42	-2	ENE	5	c	5	52	42	bcp, b	3.7	0.32
	Scilly (St. Mary's) ...	29.27	48	SSE	4	o	29.11	-.14	48	47	+2	S	1	o	4	53	45	c, o	7.3	0.27
	Jersey (St. Aubins) ...	29.41	50	SSE	3	bc	29.12	-.23	48	46	-1	E	7	ogmw	5	55	48	bc, b, cg	7.3	—
	Portland Bill ...	29.36	51	SSW	2	cp	29.23	-.07	51	46	+2	SE	6	c	5	55	48	b, c, grh	*	0.18
	Dungeness	29.41	51	SSE	5	o	29.37	+.03	50	47	+3	SE	6	c	5	53	46	bc, o	1.5	0.06
	Wick	29.56	49	SE	4	o	29.65	+.39	48	47	-2	SE	7	cu	7	51	47	—	*	0.12
	Nairn	29.49	47	E	1	c	29.60	+.28	44	42	-2	ESE	2	bc	1	52	43	—	2.5	0.09
	Aberdeen	29.53	50	E	3	o	29.64	+.30	49	48	0	SE	3	c	4	51	47	c, o	2.4	0.04
	Leith	29.43	46	E	2	r	29.54	+.24	45	44	0	ESE	1	o	*	51	39	—	*	0.19
	North Shields ...	29.42	46	ESE	2	o	29.51	+.15	47	45	+5	ESE	3	c	5	48	37	r, o, r	*	0.18
	Spurn Head ..	29.38	48	SE	3	r	29.45	+.10	50	47	0	ESE	4	c	4	51	45	r, pv	*	0.37
	Yarmouth	29.43	48	SSW	3	c	29.45	+.09	52	50	0	SE	6	c	5	52	47	c	*	0.32
	Clacton-on-Sea ...	29.45	47	SSW	4	r	29.44	+.08	48	47	+2	ESE	5	o	4	53	45	or, bc, c, r	3.6	0.20
	Nottingham ...	29.39	38	Z	0	f	29.43	+.09	43	42	+6	E	1	cpm	*	46	37	zm, f	0.0	0.14
	Bath	29.38	43	SW	1	o	29.28	-.05	42	41	+8	E	3	bc	*	53	34	—	5.5	0.11
	Oxford	29.42	45	SE	2	c	29.38	+.03	42	41	+8	ENE	1	r	*	52	34	c, r	*	0.07
	London (St. James' Park)	29.42	47	SSW	1	od	29.39	+.05	47	46	0	SE	2	bcp	*	54	44	o, c, p, b, r	1.9	0.14
GERMANY, &c.	The Scaw (Skagen)	29.90	46	ESE	3	r	29.91	+.06	46	45	-2	ESE	5	o	1	50	46	*	*	0.08
	Fanö	29.75	46	ESE	2	o	29.76	+.06	46	46	+4	ESE	2	c	*	48	41	*	*	—
	Cuxhaven	29.69	43	E	4	o	29.70	+.04	47	46	+8	E	3	om	*	50	39	*	*	—
	The Helder ...	29.60	45	SE	2	b	29.61	+.09	46	46	+1	ESE	3	m	1	46	41	*	*	—
	Brussels	*	*	*	*	*	29.57	+.12	43	42	-2	SE	3	c	*	53	41	*	*	—
	Berlin	29.72	47	E	1	b	29.67	-.02	45	44	0	NE	2	o	*	?	43	*	*	—
	Frankfurt	29.63	47	NW	2	r	29.67	+.04	43	42	0	W	1	f	*	54	41	*	*	0.12
	Munich	29.63	41	SW	2	c	29.73	+.03	39	38	+3	SW	4	b	*	50	36	*	*	—
FRANCE.	C. Gris Nez ...	29.49	47	SW	2	r	29.46	+.08	44	43	-2	SE	3	c	3	55	43	*	*	0.12
	Brest	29.34	52	SW	4	o	28.99	-.33	45	44	-5	NE	5	r	5	52	45	*	*	0.04
	Lorient	29.35	50	W	3	c	28.86	-.51	50	48	+4	SW	9	r	8	54	46	*	*	0.59
	Rochefort	29.49	52	WSW	3	o	29.25	-.16	52	50	+3	S	7	r	*	52	49	r, o	*	0.55
	Biarritz	29.64	57	W	5	c	29.41	-.15	58	58	+8	S	6	r	4	57	46	*	*	0.28
	Paris	29.52	48	SSE	2	o	29.50	.00	45	43	+1	SSE	3	bc	*	51	44	*	*	0.04
	Belfort...	29.61	43	E	4	o	29.67	+.05	36	36	-5	E	2	f	*	49	33	*	*	—
	Lyons	29.62	49	S	1	o	29.62	-.01	46	41	+3	SSW	2	o	*	57	39	*	*	—
	Nice	29.62	50	E	2	c	29.83	+.23	46	43	0	Z	0	c	6	59	39	*	*	0.28
	Perpignan	29.66	49	NW	3	bc	29.63	-.02	42	41	+1	W	1	o	*	62	37	*	*	—
SPAN. PEN.	Corunna																	*	*	
	Lisbon	29.82	61	SW	5	b	29.73	-.20	61	60	+3	SW	6	o	*	63	58	*	*	—
	Azores (P. Delgada)...	29.99	64	WNW	5	b	29.91	-.28	60	54	-2	NW	3	o	5	66	59	*	*	0.08
	,, (Horta) ...	30.02	66	WNW	4	o	29.97	-.26	58	56	+1	N	1	o	2	72	57	*	*	0.08

NOTES:—(a) *At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + ·03 in., but for Sumburgh Head + ·04 in.; for stations South of Malin Head and North Shields + ·02 in., but for Scilly and Jersey + ·01 in.*

(b) *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

† *Observations received too late for insertion in Charts on next page.*

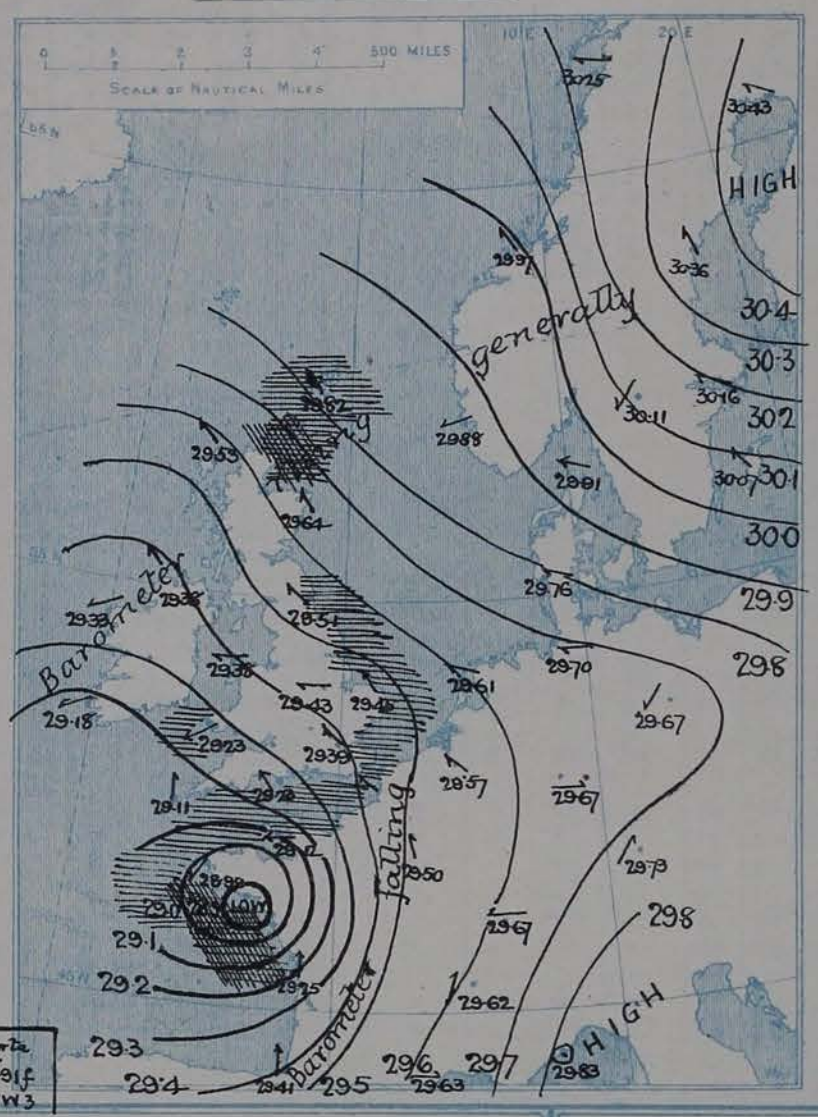
WEATHER CHARTS

FOR SUNDAY, 4TH NOVEMBER, 1906.

I. BAROMETER, WIND AND SEA. *This Morning.*

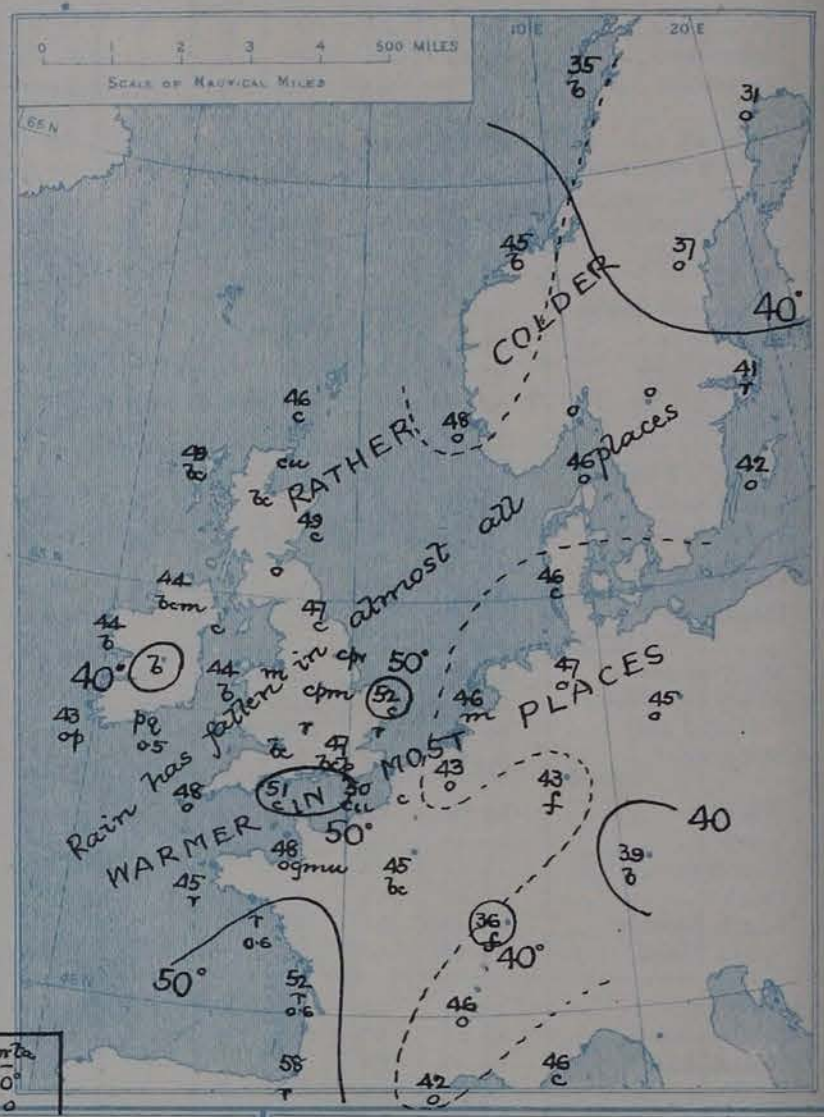
BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 ⟶ : *Force 5 to 7* ⟶ : } Calm ⊙
Force 8 to 10 ⟶ : *Force 1 to 4* ⟶ :
SEA.—Rough *High*



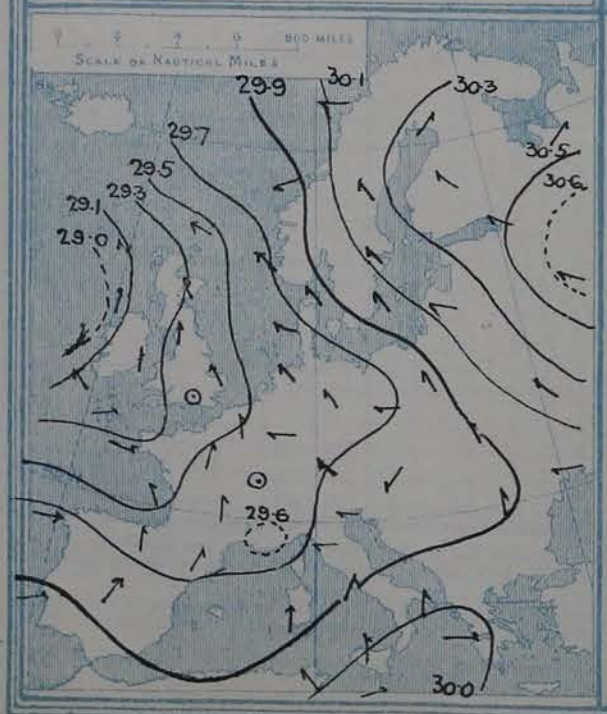
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6



III. BAROMETER AND WIND

Yesterday morning.



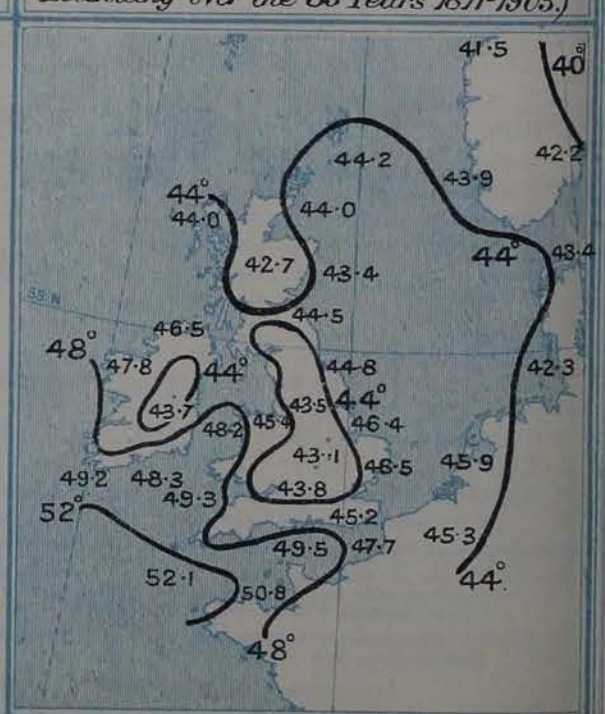
IV. ACCUMULATED TEMPERATURE ABOVE 42°.

Amount recorded in various districts of the United Kingdom during the week ended Saturday 27th October, with the percentage of the average for the corresponding week.

Accumulated values are expressed in Day-Degrees—a "Day Degree" signifying 1° continued for 24 hours, or any other number of degrees for an inversely proportional number of hours.

V. *Averages of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* OCTOBER – NOVEMBER.

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

In the course of the night the central portion of a very deep disturbance has arrived over Brittany, causing the barometer to fall below 28·9 ins. at Lorient and the gradient to become steep over the west and northwest of France generally. In the meantime pressure has increased quickly in Scotland and slightly in Scandinavia, and the readings in the northwest of the latter region are above 30·4 ins.

WIND

The wind has increased in force in the immediate neighbourhood of the depression; it is fresh or strong to a gale from the S.W.ⁿᵈ or S.W.ⁿᵈ along the west coast of France, and very strong from E. or N.E. at Jersey and Brest. Over these Islands generally the wind is moderate from between E. and S.E., but it blows strongly at Yarmouth and Portland Bill and very strongly at Wick.

TEMPERATURE

Temperature has risen in most regions, but fallen somewhat over Norway and Sweden, as well as in the north of Scotland. Over the United Kingdom it ranges from 39° at Parsonstown and 40° at Liverpool to about 50° at some eastern and southern stations. On the Continent the readings increase from 31° at Haparanda to above 50° in the southwest of France and to 61° at Lisbon.

WEATHER AND SEA

The weather is fair or fine at various stations in Ireland and Scotland, and also in the west of Norway; as a whole, however, the sky is very cloudy or quite overcast, with passing showers or steady rain in many parts of these Islands and throughout the W. of France. The sea is very high at Lorient & high at Wick, rough at Sumburgh Head, and rather rough off our eastern & southern coasts & at Pembroke.

The maximum temperatures recorded over our Islands yesterday were a little above 60° generally, but at Nottingham the thermometer only rose to 46°. Rain has fallen at nearly all our own stations and in most parts of France and Sweden, the largest amounts being 0·5 in. at Rocke's Point and 0·6 in. at Lorient & Rochefort. Bright sunshine was fairly prevalent except at some stations in central and southeastern England.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS*

For the 24 hours ending at NOON on 5ᵗʰ November, 1906.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NONE ISSUED.	6 SCOTLAND WEST	NONE ISSUED.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	at 9.20 a.m. today to District 5 and part of 8, "Hoist South Cone."

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

DAILY WEATHER REPORT. *Sunday, 4th November, 1906.*

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Blackpool, to 9 p.m. ...	50	36	cm	3·0	–
Southport, to 9 p.m.... ...	49	35	c, b, cm	2·5	–
Rhyl, to 6 p.m.					
Llandudno, to 9 p.m. ...	52	39	bc	8·0	–
Bettws-y-Coed, to 6 p.m.					
Towyn, to 6 p.m.	55	44	b, c, b	6·3	–
Aberystwyth, to 6 p.m. ...	52	41	c, bc, c	7·0	–
Plymouth, to 9 p.m. ...	54	39	bcp	5·8	0·11
Torquay, to 6 p.m.			*		
Bournemouth, to 6 p.m. ...	50	35	*	2·1	0·10
Bognor, ...	*	*	9p	2·0	*
Worthing	52	45	or, bc, r	2·2	0·22
Brighton			*		

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Eastbourne, to 6 p.m. ...	52	41	or, bc, or	0·8	?
Bexhill-on-Sea, to 9 p.m.					
Hastings	*	*	*	1·0	*
Folkestone, to 6 p.m. ...	52	49	or, c, op, o	1·7	r 24
Broadstairs, ...	*	*	*		*
Margate, to 6 p.m. ...	50	44	or, o	0·8	0·43
Lowestoft, to 6 p.m. ...					
Skegness	51	42	or, bc	0·1	0·11
Scarborough, to 6 p.m. ...			*		
Harrogate, to 6 p.m. ...					
Darwen, to 9 p.m.	48	34	om, b, r, c	r3	0·02
Manchester, to 9 p.m. ...	51	40	bc	0·0	–
Birmingham, to 9 p.m. ...	48	34	c, o	4·7	–

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS 3rd Nov.r 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.
St. Petersburg	32	23	b, b	–
Utrecht...	48	39	o, m	0·08
Groningen	48	45	o, c	0·28
Vienna	54	39	b, b	–
Florence	58	50	r, o	1·34
Rome	64	52	o, o	0·35
Naples	62	56	c, o	0·20
Palermo	70	55	b, o	–
Brindisi	63	51	b, b	0·39
Malta	68	57	b	–

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins
Algiers ... ... (3rd Nov.r 1906)	72	55	b, c	–
Tunis	68	48	o, c	–
Madeira (Funchal)	72	55	b, o	–
	1 p.m.		1 p.m.	Measured 7 a.m.
Geneva ... ... (2nd Nov.r 1906)	52	*	bc	–
Berne	48	*	c	0·43
Coire	48	*	o	0·39
Castasegna...	43	*	r	0·47
Lugano	48	*	r	1·34
Davos...	37	*	bc	0·63

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. („ „)	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

4th Nov.r, 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6·56	11·37	4·18
Greenwich	7·1	11·44	4·27
Wick	7·38	11·56	4·14
Valencia	7·43	12·25	5·7

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FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (*Director*).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Monday, **Meteorological Office, London.** 5TH NOVEMBER, 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda	30.36	30	Z	0	0	30.28	-.15	30	30	-1	S	2	S	*	34	27	*	*	0.04
	Hernösand	30.34	34	Z	0	S	30.26	-.10	36	35	-1	SSE	2	0	*	39	32	*	*	0.04
	Stockholm	30.17	40	E	4	r	30.12	-.04	41	39	0	ESE	4	0	*	43	39	*	*	0.08
	Wisby...	30.08	41	ESE	4	0	30.04	-.03	41	40	-1	SE	2	0	*	43	37	*	*	–
	Karlstad	30.09	43	NE	4	0	30.05	-.06	41	40	0	NE	4	r	*	*	*	*	*	0.08
	Færder (X'iania Fjord)	29.94	44	NE	6	0	29.93	-.08	43	42	0	ENE	5	r	3	45	41	*	*	1.26
	Bodö	30.21	32	E	2	b	30.18	-.07	32	31	-3	E	2	0	1	39	28	*	*	–
	Christiansund ...	29.99	44	ESE	1	b	29.88	-.09	45	40	0	ENE	2	b	2	50	43	*	*	–
	Skudesnaes ...	29.81	48	ENE	6	c	29.72	-.16	49	44	+1	E	6	c	2	50	45	c	*	0.16
BRITISH ISLANDS.	Sumburgh Head	29.83	46	ESE	3	c	29.64	-.18	46	44	0	NE	4	0	4	52	44	c	*	0.03
	Stornoway	29.67	49	ESE	4	0	29.66	+.13	49	47	0	ENE	3	0	3	53	47	b,0	3.4	0.01
	Malin Head ...	29.40	50	E	6	ogpm	29.47	+.09	49	48	+5	E	5	c	4	51	43	c,ogpm	*	0.09
	Blacksod Pt. ...	29.40	48	NE	4	b	29.53	+.20	46	44	+2	NE	3	rm	2	50	40	b,b	*	0.10
	Valencia	29.28	47	ENE	2	0	29.50	+.32	40	39	-3	Z	0	c	3	48	39	rg,0	0.0	0.05
	Roche's Point ...	29.28	49	ENE	3	bc	29.50	+.32	40	40	-7	NNW	2	f	1	50	40	blr,0,bc	*	0.73
	Birr Castle ...	29.33	44	ENE	2	bc	29.51	+.21	39	38	0	Z	0	0	*	51	35	bc,r	3.0	0.02
	Donaghadee ...	29.40	50	ENE	6	0	29.47	+.04	47	46	-1	ENE	2	b	3	51	47	c,ogp	*	0.04
	Liverpool Obsy...	29.30	45	ENE	4	bc	29.43	.00	46	45	+6	NNW	2	0	2	50	40	om,bc	*	0.05
	Holyhead	29.29	47	E	5	op	29.43	+.05	50	49	+6	NNE	1	c	1	50	43	c,op	*	0.05
	Pembroke (St. Ann's Hd.)	29.20	46	NNE	4	bc	29.47	+.24	49	45	+5	SW	2	bcm	2	49	41	bc	5.9	–
	Scilly (St. Mary's) ...	29.18	49	W	1	c	29.50	+.39	47	45	-1	W	2	c	3	53	44	r,0	0.0	0.07
	Jersey (St. Aubins) ...	29.11	50	WSW	7	0	29.62	+.50	52	49	+4	WSW	5	b	5	53	46	0,org	0.7	1.50
	Portland Bill ...	29.01	46	NNE	6	c	29.50	+.27	51	47	0	W	3	c	4	52	45	o,c,r	*	0.35
	Dungeness	29.03	52	SE	8	r	29.47	+.10	49	46	-1	WSW	5	bc	5	51	42	o,r	0.6	0.60
	Wick	29.69	48	SE	6	0	29.58	-.07	48	47	0	SE	3	r	6	54	44	–	*	0.20
	Nairn	29.63	46	E	2	c	29.55	-.05	45	43	+1	E	2	0	3	50	44	–	2.2	0.20
	Aberdeen	29.61	49	E	5	r	29.50	-.14	45	45	-4	N	3	r	5	51	45	o,op,r	0.2	0.19
	Leith	29.49	50	ENE	4	0	29.43	-.11	46	45	+1	NNE	2	r	*	51	45	o,p	*	0.39
	North Shields ...	29.43	47	NE	4	op	29.32	-.19	49	47	+2	NNE	4	0	5	51	44	p	*	0.10
	Spurn Head ..	29.25	50	ESE	5	pq	29.21	-.24	48	47	-2	WNW	5	pq	5	52	46	bl,pq	*	0.32
	Yarmouth	29.29	48	SSE	7	r	29.24	-.21	47	46	-5	W	5	0	4	52	46	c,r	*	0.75
	Clacton-on-Sea ...	29.20	49	ESE	8	0	29.43	-.01	46	45	-2	SW	5	c	4	51	46	c,ogr	0.5	0.29
	Nottingham ...	29.26	47	E	2	c	29.34	-.09	46	44	+3	WNW	1	cm	*	51	43	cp,c	2.1	0.09
	Bath	29.10	45	W	5	0	29.51	+.23	45	43	+3	W	6	m	*	48	42	–	1.1	0.05
	Oxford	29.07	44	N	4	r	29.47	+.09	44	42	+2	WSW	3	b	*	48	41	rq	*	0.17
	London (St. James' Park)	29.06	46	ENE	5	orq	29.45	+.06	46	44	-1	W	4	0	*	49	44	op,rq	0.7	0.46
GERMANY, &c.	The Scaw (Skagen)	29.83	47	SE	7	r	29.83	-.08	47	45	+1	SE	5	0	1	48	46	*	*	0.43
	Fanö	29.66	46	SE	4	0	29.62	-.14	45	45	-1	ESE	7	r	*	48	45	*	*	0.08
	Cuxhaven	29.66	47	SE	3	0	29.61	-.09	45	44	-2	S	4	0	*	48	45	*	*	0.04
	The Helder ...	29.45	49	SE	4	r	29.40	-.21	48	45	+2	SSW	5	c	5	50	46	*	*	0.12
	Brussels	*	*	*	*	*	29.60	+.03	46	43	+3	SSW	6	b	*	51	43	*	*	0.12
	Berlin	29.79	45	SW	1	0	29.80	+.13	45	44	0	SE	2	c	*	48	41	*	*	0.28
	Frankfurt	29.65	48	SE	1	r	29.80	+.13	48	47	+5	SSW	2	bc	*	48	43	*	*	0.28
	Munich	29.79	42	SE	1	0	29.97	+.24	41	40	+2	W	1	c	*	52	39	*	*	–
FRANCE.	C. Gris Nez ...	29.18	46	SE	4	r	29.49	+.03	50	49	+6	SW	8	r	8	54	44	*	*	0.76
	Brest	29.26	50	W	6	0	29.54	+.55	53	48	+8	?ESE	6	r	6	?53	45	*	*	1.46
	Lorient	29.29	50	WNW	6	r	29.65	+.79	52	50	+2	SW	5	0	5	54	37	*	*	0.16
	Rochefort	29.48	54	SW	7	0	29.78	+.53	54	50	+2	SW	3	0	*	59	52	c,0	*	0.12
	Biarritz	29.67	57	W	3	0	29.85	+.44	52	52	-6	E	1	0	4	63	48	*	*	0.16
	Paris	29.38	53	SSW	5	0	29.73	+.23	45	44	0	SSW	3	b	*	51	43	*	*	0.12
	Belfort...	29.65	43	ENE	4	r	29.86	+.19	48	47	+12	W	2	r	*	49	?36	*	*	0.39
	Lyons	29.62	56	SW	2	c	29.81	+.19	57	54	+18	SW	1	0	*	57	?46	*	*	0.43
	Nice	29.88	49	Z	0	r	29.95	+.12	57	57	+11	Z	0	f	4	54	43	*	*	1.77
	Perpignan	29.57	55	E	1	b	29.80	+.17	46	46	+4	Z	0	0	*	61	?42	*	*	–
SPAN. PEN.	Corunna																	*	*	
	Lisbon	29.79	57	Z	0	r	29.74	+.01	56	55	-5	SSE	2	?	*	64	54	*	*	1.97
	Azores (P. Delgada)...																	*	*	
	,, (Horta) ...	29.89	56	Z	0	b	29.89	-.08	59	53	+1	NE	2	c	1	68	55	*	*	–

NOTES:—(a) *At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + ·03 in., but for Sumburgh Head + ·04 in.; for stations South of Malin Head and North Shields + ·02 in., but for Scilly and Jersey + ·01 in.*

(b) *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

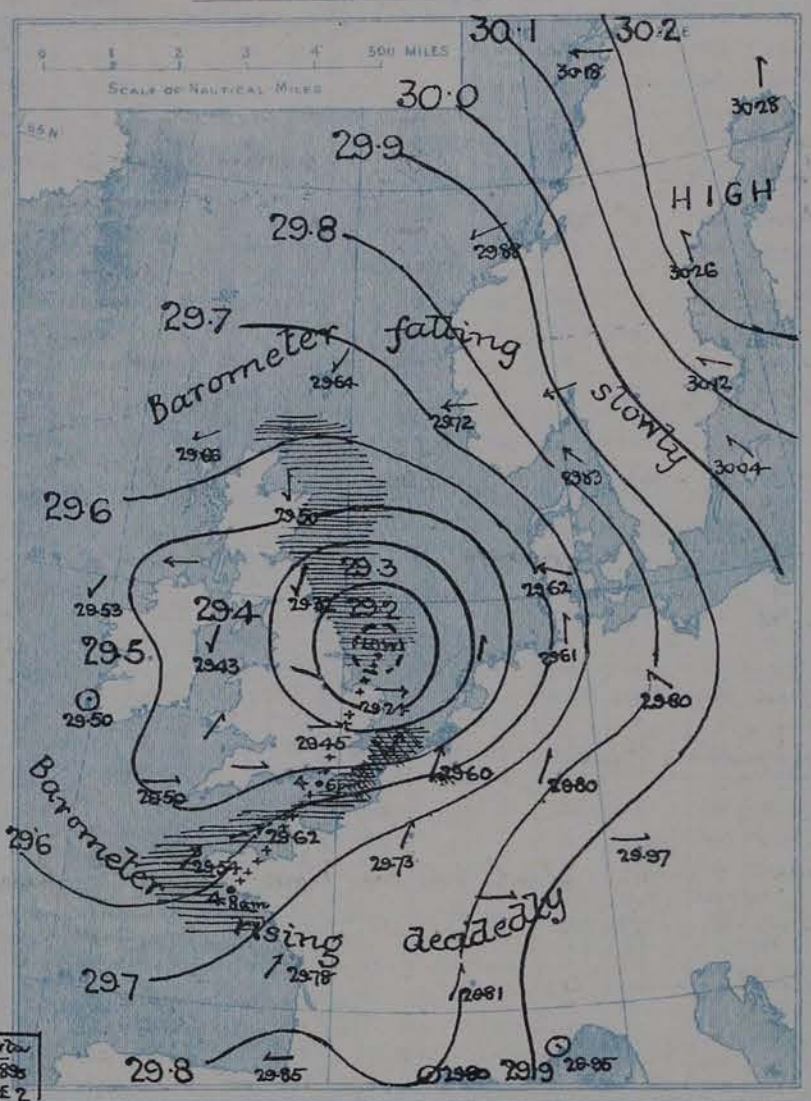
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR MONDAY, 5TH NOVEMBER, 1906.

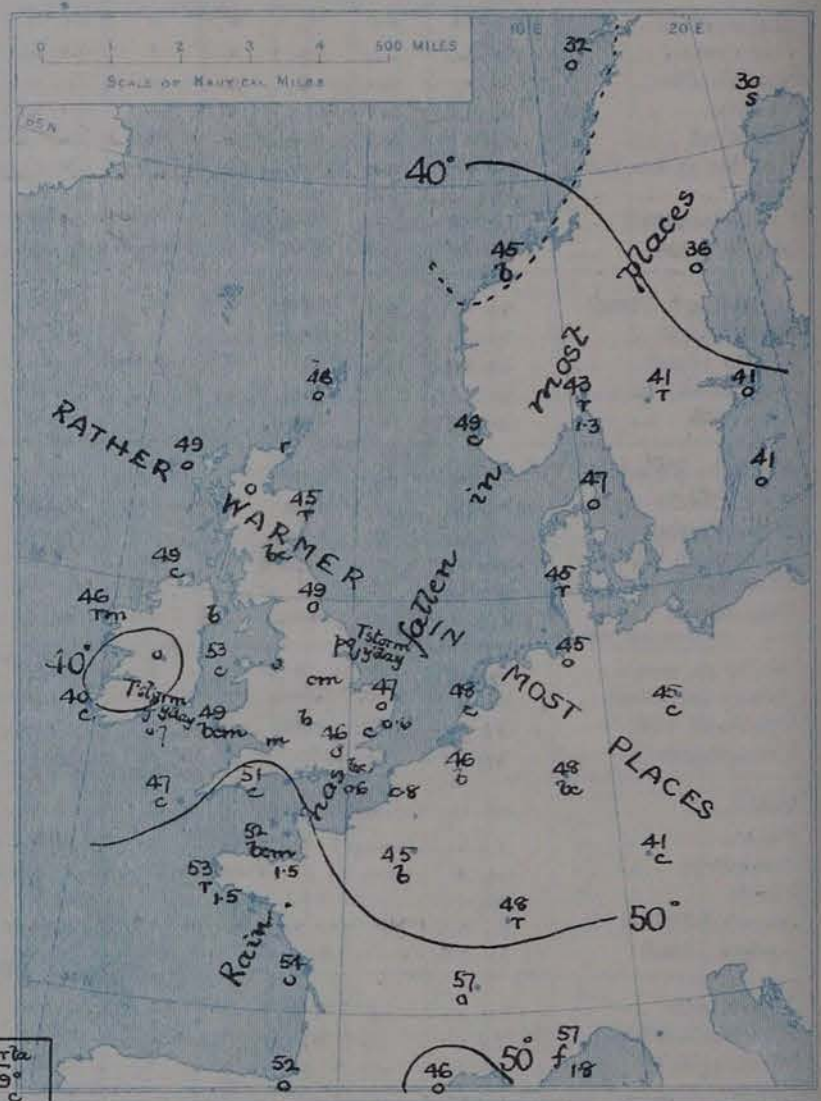
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 — *Force 5 to 7* — } Calm ⊙
Force 8 to 10 — *Force 1 to 4* —
SEA.—Rough *High*



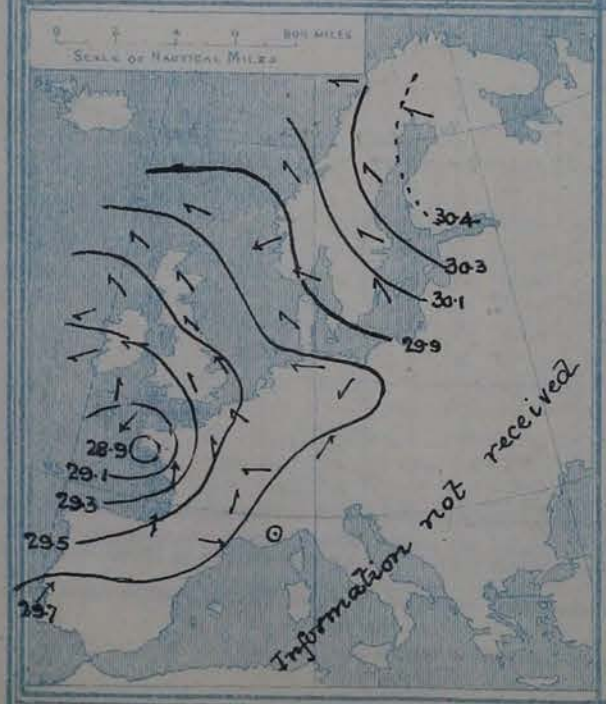
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6



III. BAROMETER AND WIND

Yesterday morning.



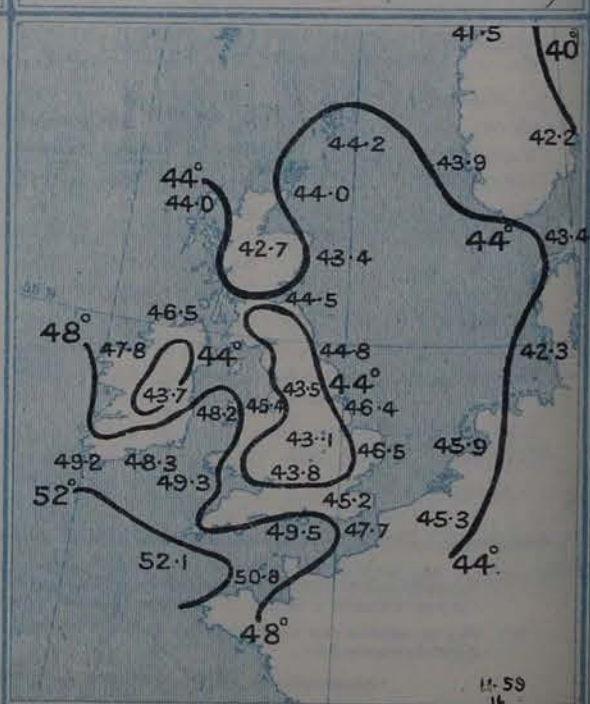
IV. ACCUMULATED TEMPERATURE ABOVE 42°.

Amount recorded in various districts of the United Kingdom during the week ended Saturday, 27TH OCTOBER, with the percentage of the average for the corresponding week.

Accumulated values are expressed in Day-Degrees—a "Day Degree" signifying 1° continued for 24 hours, or any other number of degrees for an inversely proportional number of hours.

V. *Averages of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* OCTOBER – NOVEMBER.

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Pressure remains highest over Northeastern Europe, the barometer being above 30·2 ins. on the Gulf of Bothnia. In the course of the past twenty-four hours the centre of a depression has moved on a northeasterly path from the upper part of the Bay of Biscay, and is now found off the coast of Yorkshire, with the barometer at 29·2 ins. The gradient is rather steep across the North Sea, moderate to slight elsewhere.

WIND

A complete cyclonic wind circulation is shown round the centre of low pressure, Northerly over our northern and western districts, Westerly to Southerly over southern England and the western portion of the Continent, and Southeasterly to Easterly over the Scandinavian region. Locally the force is fresh or strong, very strong at Havre and Fanö, and a fresh gale at Cape Gris Nez.

TEMPERATURE

Temperature has risen over the greater part of our area. At the home stations the readings range from 39° or 40° over southern Ireland to 51° at Portland Bill, and 52° at Jersey; on the Continent from 30° at Haparanda and 33° at Bodö to 54° at Rochefort, 56° at Lisbon, and 57° at Nice and Lyons.

WEATHER AND SEA

The weather is very variable at home and abroad, fine and clear in places, but mostly cloudy or overcast, with rain at many stations, snow at Haparanda, and the atmosphere is foggy at Nice, very foggy outside Queenstown Harbour. A very high sea is running on the French side of the Straits of Dover, and it is rough or rather rough generally along the west and north coasts of France and on the North Sea.

Temperature rose yesterday to 50° and upwards in most parts of these Islands, to 54° at Wick. Rain fell generally, 0·7 in. at Roche's Point, where a thunderstorm occurred, 0·8 in. at Yarmouth, and 1·5 in. at Jersey. Further large falls have been experienced over Southwestern Europe, 1·5 in. at Brest, 1·8 in. at Nice, and 2 ins. at Lisbon. At several stations there was no bright sunshine, but Towyn had 4·8 hours, and Pembroke 5·9 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The east coast depression is moving slowly up the North Sea, but there are some indications of further disturbances off the southwestern coasts, so that there will be a continuance of the changeable, unsettled conditions for the present.

FORECASTS*

For the 24 hours ending at NOON on 6TH NOVEMBER, 1906.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST 2 ENGLAND N.E.	NE by E to NW by N winds, strong to moderate or light; changeable, squally, some rain; moderate temperature.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	W by N and SW by W winds, fresh to light; changeable, some showers, fine intervals; moderate temperature.
6 SCOTLAND WEST	Same as Nos. 0 to 2
7 ENGLAND N.W.	Variable N by W to W by N breezes; changeable, some showers; moderate temperature.
8 ENGLAND S.W	Same as Nos. 3 to 5.
9 IRELAND NORTH 10 IRELAND SOUTH	E by N to N by E breezes, fresh to light, more variable later; changeable, rain at times, some coast mist or fog; moderate temperature.
WARNINGS	At 9.20 am. yesterday to District 5 and part of 8, "HOIST SOUTH CONE", and at 7.5 pm. to Dists. 0 to 3, 6, 7, 9, and the remainder of 8, "HOIST NORTH CONE".

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E round by S. to N.W.). Should it appear likely that a gale beginning from between W and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

DAILY WEATHER REPORT. 5TH NOVEMBER, 1906

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Blackpool, to 9 p.m. ...	51	37	c, r, bc	2·6	0·06	Eastbourne, to 6 p.m. ...	53	47	*	0·8	1·13
Southport, to 9 p.m.... ...	53	35	b, o, c	2·9	0·03	Bexhill-on-Sea, to 9 p.m.					
Rhyl, to 6 p.m.	50	39	?	2·7	–	Hastings	*	*	*	0·5	*
Llandudno, to 9 p.m. ...	50	37	bcp	1·3	0·02	Folkestone, to 6 p.m. ...	50	47	o, c, bc, or	1·0	0·19
Bettws-y-Coed, to 6 p.m.	49	33	c, o	0·3	0·03	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m.	50	41	c, o	4·8	–	Margate, to 6 p.m. ...	50	44	or	0·8	0·19
Aberystwyth, to 6 p.m. ...	50	41	c, o	2·0	–	Lowestoft, to 6 p.m. ...					
Plymouth, to 9 p.m. ...						Skegness	52	44	bc, r	2·7	0·02
Torquay, to 6 p.m.	50	42	*	0·0	0·36	Scarborough, to 6 p.m. ...	52	42	*	0·8	0·50
Bournemouth, to 6 p.m. ...	47	40	*	0·0	0·41	Harrogate, to 6 p.m. ...					
Bognor, ...	*	*	?	0·4	*	Darwen, to 9 p.m.					
Worthing	50	42	c, r	0·6	0·91	Manchester, to 9 p.m. ...	51	40	c, b, or	1·1	0·10
Brighton	50	44	*	0·6	0·88	Birmingham, to 9 p.m. ...	47	37	r, o, c	0·0	0·12

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS 4th Nov.r 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins
St. Petersburg	Observations not received.				Algiers ... ... (4th Nov.r 1906)	Observations not received.			
Utrecht...					Tunis				
Groningen					Madeira (Funchal)				
Vienna						1 p.m.		1 p.m.	Measured 7 a.m.
Florence					Geneva ... ... (5th Nov.r 1906)	48	*	bc	0·04
Rome					Berne	45	*	o	0·04
Naples					Coire	46	*	r	–
Palermo					Castasegna...	39	*	r	0·35
Brindisi					Lugano	45	*	r	0·55
Malta					Davos...	37	*	s	0·04

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (,, ,,)	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

5th Nov.r 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6·58	11·37	4·16
Greenwich	7·3	11·44	4·25
Wick	7·40	11·56	4·12
Valencia	7·45	12·25	5·5

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(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (*Director*).

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DAILY WEATHER REPORT.

Tuesday, **Meteorological Office, London.** 6TH NOVEMBER, 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max.	Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	30·17	30	Z	0	0	30·11	−·17	30	30	0	NE	2	0	*	32	30	*	*	0·04
	Hernösand	30·13	35	Z	0	0	30·12	−·14	35	34	−1	NW	2	0	*	37	32	*	*	0·08
	Stockholm	30·02	42	ESE	4	r	30·04	−·08	41	40	0	E	2	0	*	43	39	*	*	0·20
	Wisby...	29·96	43	SE	4	0	30·00	−·04	47	45	+6	W	4	0	*	?47	39	*	*	0·08
	Karlstad	29·93	41	NE	2	r	29·99	−·06	42	42	+1	ENE	3	0	*	*	*	*	*	0·32
	Færder (X'iania Fjord)	29·84	44	ENE	4	r	29·89	−·04	44	44	+1	ENE	3	0	2	?	43	*	*	0·51
	Bodö	30·09	29	E	2	b	30·05	−·13	28	27	−4	E	2	b	1	52	25	*	*	–
	Christiansund ...	29·86	45	ESE	1	b	29·83	−·05	39	37	−6	ESE	1	b	2	50	39	*	*	–
	Skudesnaes ...	29·71	48	E	6	0	29·67	−·05	50	46	+1	E	8	0	2	50	46	0	*	0·08
BRITISH ISLANDS.	Sumburgh Head	29·69	47	NE	3	0	29·72	+·08	45	44	−1	NE	1	c	4	49	44	0	*	0·06
	Stornoway	29·61	48	E	3	0	29·71	+·05	48	46	−1	NE	3	0	3	49	46	0	0·0	0·23
	Malin Head ...	29·57	46	SW	1	bc	29·64	+·17	43	42	−6	SW	2	bc	1	50	42	bc	*	0·16
	Blacksod Pt. ...	29·58	48	Z	0	cm	29·66	+·13	41	40	−5	Z	0	f	1	51	36	c,cm,f	*	0·03
	Valencia	29·55	44	ENE	1	bm	29·58	+·08	43	42	+3	Z	0	0	2	53	39	b,bm	7·8	–
	Roche's Point ...	29·58	48	SSE	2	0	29·59	+·09	48	48	+8	E	2	rm	2	51	39	f,c,o,b	*	0·44
	Birr Castle ...	29·60	43	SSE	2	0	29·65	+·14	39	38	0	Z	0	or	*	48	37	c,o	3·1	0·04
	Donaghadee ...	29·59	46	WSW	1	0	29·70	+·23	39	39	−8	W	2	cm	1	50	34	bc,c,m,f	*	0·01
	Liverpool Obsy...	29·62	46	W	1	b	29·72	+·29	37	37	−9	SSE	2	f	3	51	37	b	*	0·01
	Holyhead	29·59	48	SW	1	cp	29·67	+·24	46	46	−4	SE	1	c	1	53	43	c,cp	*	0·06
	Pembroke (St. Ann's Hd.)	29·60	52	SSW	2	bc	29·63	+·16	48	47	−1	E	4	bcm	4	54	46	bc,cg,b	2·4	–
	Scilly (St. Mary's) ...	29·61	53	SSE	4	c	29·60	+·10	50	47	+3	SE	2	c	3	57	46	c	8·2	0·02
	Jersey (St. Aubins) ...	29·72	52	WSW	3	bc	29·63	+·01	46	45	−6	E	3	cm	3	58	45	cm,bc,m,c	7·3	–
	Portland Bill ...	29·67	54	SW	3	b	?29·68	+·18	51	49	0	SE	3	c	4	56	49	bc,b	*	–
	Dungeness	29·68	51	SW	3	bc	29·70	+·23	50	48	+1	ENE	2	bc	2	54	45	r,bc	5·5	0·07
	Wick	29·60	48	SE	4	r	29·68	+·10	46	45	−2	SE	3	0	3	49	43	–	*	0·25
	Nairn	29·56	47	E	1	0	29·66	+·11	43	43	−2	Z	0	0	1	48	42	–	0·2	0·49
	Aberdeen	29·53	47	NNE	1	p	29·69	+·19	42	42	−3	WSW	1	c	3	50	40	o,cp,or	0·0	0·39
	Leith	29·52	47	W	1	0	29·68	+·25	40	39	−6	W	1	bcm	*	48	36	–	*	0·11
	North Shields ...	29·53	46	WNW	2	op	29·73	+·41	41	40	−8	SW	2	bc	3	50	37	op	*	0·13
	Spurn Head ..	29·56	49	WSW	4	c	29·74	+·53	44	43	−4	SSE	2	cm	2	50	42	r,cm	*	0·04
	Yarmouth	29·62	49	SW	4	c	29·76	+·52	41	40	−6	WSW	2	b	3	51	41	c	*	–
	Clacton-on-Sea ...	29·69	49	SW	3	b	29·75	+·32	43	43	−3	NNE	2	bc	1	54	43	b,bcm	6·6	–
	Nottingham ...	29·62	45	W	1	b	29·74	+·40	34	34	−12	Z	0	f	*	52	31	bc,b	3·0	–
	Bath	29·69	42	NE	1	0	29·71	+·20	?37	36	−8	NE	3	c	*	55	32	–	7·3	–
	Oxford	29·73	45	WSW	1	bc	29·74	+·27	31	31	−13	S	1	f	*	54	31	–	*	–
	London (St. James' Park)	29·68	49	Z	0	bm	29·73	+·28	40	40	−6	Z	0	f	*	54	36	bc,bm,f	5·9	–
GERMANY, &c.	The Scaw (Skagen)	29·79	48	SSE	3	0	29·86	+·03	48	48	+1	S	3	0	1	48	46	*	*	0·16
	Fanö	29·72	49	SSE	6	c	29·87	+·25	47	46	+2	SE	2	bc	*	50	45	*	*	0·08
	Cuxhaven	29·77	47	S	3	b	29·91	+·30	39	39	−6	S	2	c	*	52	39	*	*	–
	The Helder ...	29·72	53	SW	3	bc	29·88	+·48	40	40	−8	S	1	m	3	54	39	*	*	0·24
	Brussels	*	*	*	*	*	29·79	+·19	43	43	−3	ENE	2	r	*	55	?43	*	*	–
	Berlin	29·96	49	S	1	c	30·00	+·20	48	47	+3	Z	0	c	*	54	45	*	*	–
	Frankfurt	29·95	49	SW	3	0	29·84	+·04	47	46	−1	NNE	1	0	*	55	45	*	*	0·04
	Munich	30·00	44	S	2	b	29·96	−·01	33	33	−8	E	3	c	*	55	32	*	*	–
FRANCE.	C. Gris Nez ...	29·74	54	SW	6	b	29·65	+·16	44	43	−6	ESE	2	0	2	55	43	*	*	0·04
	Brest	29·84	55	S	4	bc	29·54	·00	45	45	−8	E	4	0	5	55	?45	*	*	?
	Lorient	29·87	54	SW	3	c	29·53	−·12	46	45	−6	ENE	4	0	4	59	45	*	*	0·08
	Rochefort	29·76	52	SSE	3	0	29·50	−·28	50	50	−4	Z	0	r	*	59	46	0	*	0·55
	Biarritz	29·67	55	E	3	0	29·59	−·26	59	57	+7	SSW	4	b	3	55	50	*	*	0·39
	Paris	29·84	48	SSE	2	0	29·64	−·09	45	45	0	NE	2	0	*	56	45	*	*	0·12
	Belfort...	29·91	46	E	4	0	29·81	−·05	40	40	−8	E	3	f	*	48	40	*	*	0·24
	Lyons	29·94	46	NW	1	0	29·69	−·12	57	50	0	SE	1	c	*	57	43	*	*	0·32
	Nice	30·03	57	Z	0	b	29·94	−·01	60	55	+3	Z	0	c	6	66	52	*	*	–
	Perpignan	29·76	63	S	5	0	29·68	−·12	58	57	+12	S	3	0	*	73	46	*	*	0·04
SPAN. PEN.	Corunna																	*	*	
	Lisbon	29·69	58	SW	4	bc	29·71	−·03	60	57	+4	SW	4	bc	*	63	54	*	*	0·20
	Azores (P. Delgada)...																	*	*	
	,, (Horta) ...	29·92	61	WSW	1	r	29·80	−·09	66	64	+7	W	4	r	3	66	59	*	*	0·32

NOTES:—(a) *At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + ·03 in., but for Sumburgh Head + ·04 in.; for stations South of Malin Head and North Shields + ·02 in., but for Scilly and Jersey + ·01 in.*

(b) *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

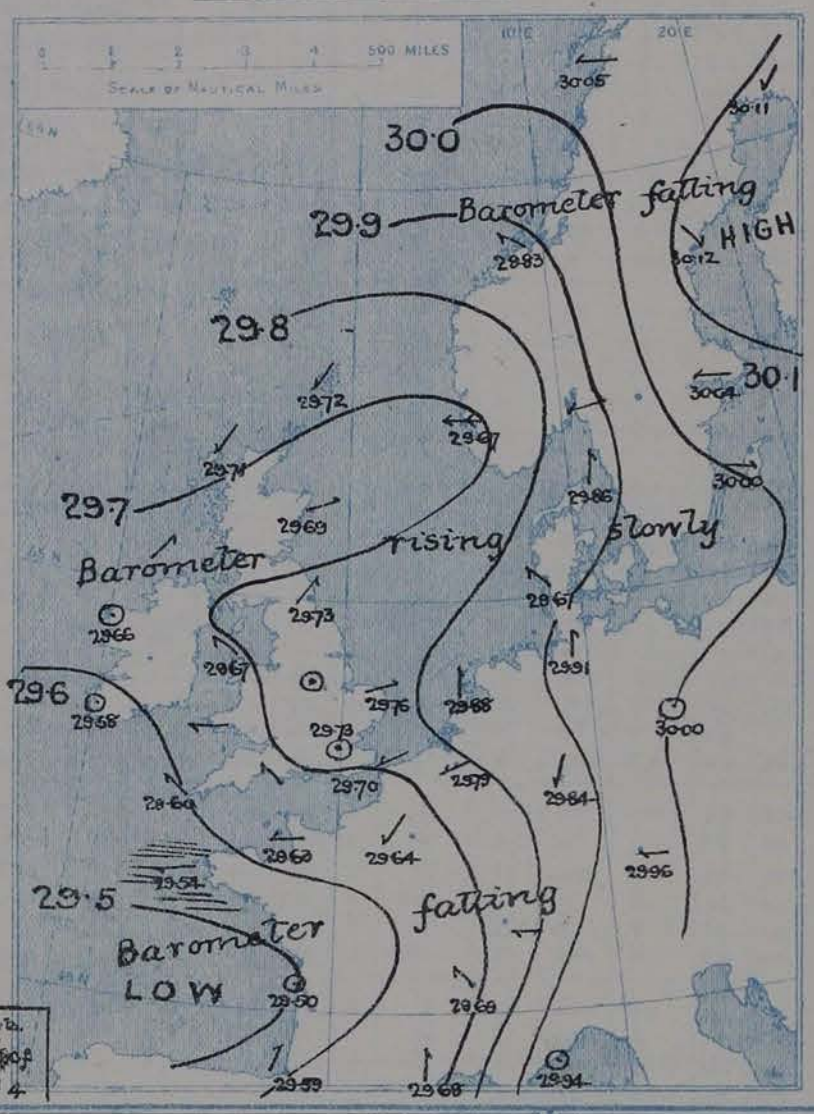
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR TUESDAY, 6TH NOVEMBER, 1906.

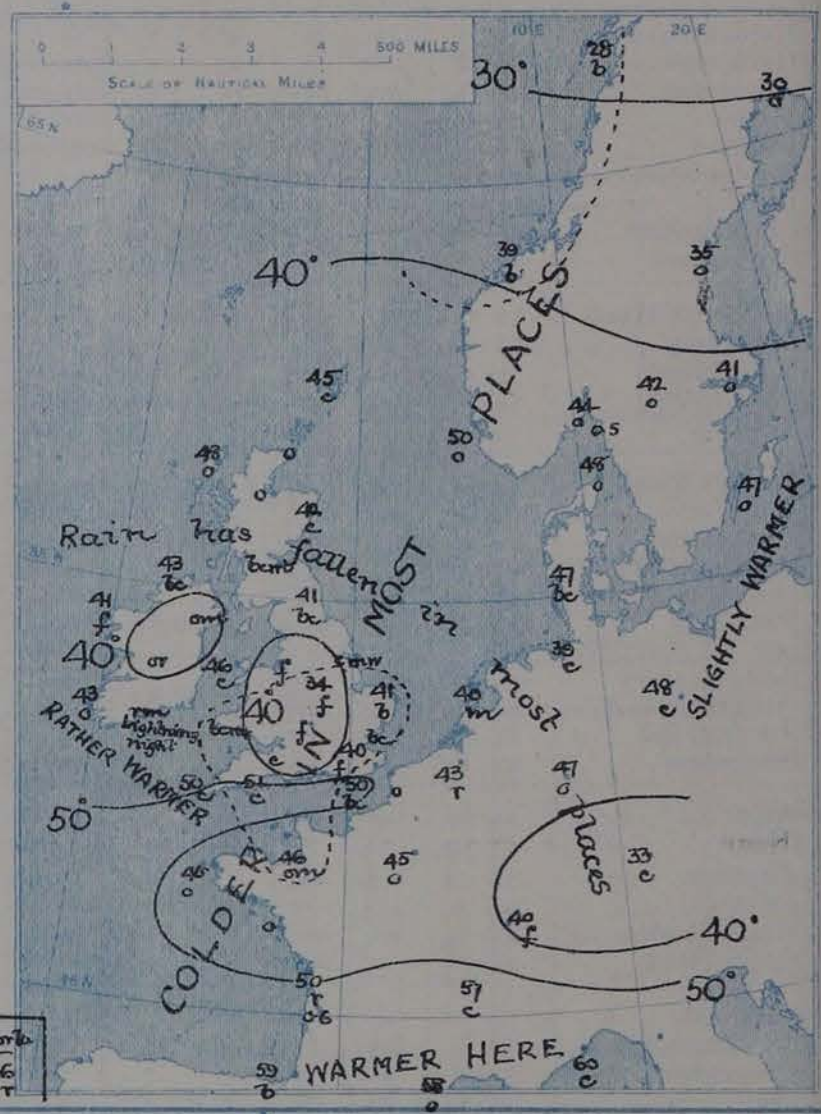
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 — *Force 5 to 7* — } Calm ⊙
Force 8 to 10 — *Force 1 to 4* —
SEA.—Rough *High*



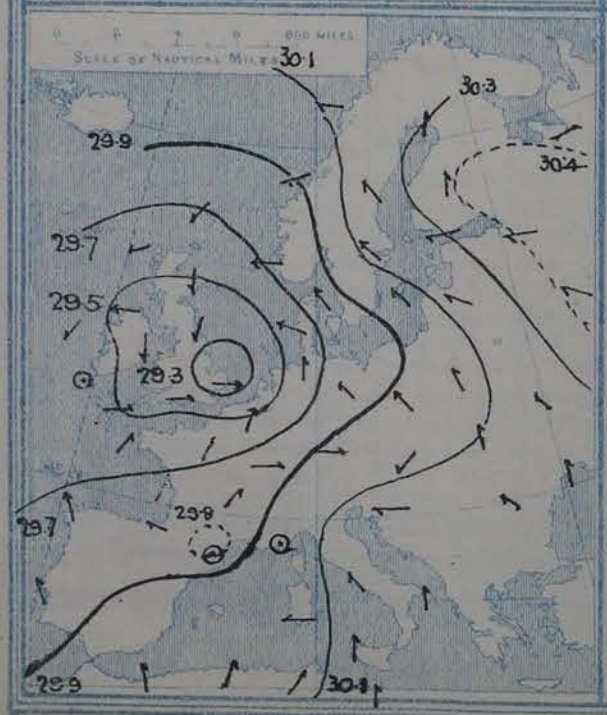
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6



III. BAROMETER AND WIND

Yesterday morning.



IV. EXTREMES OF TEMPERATURE

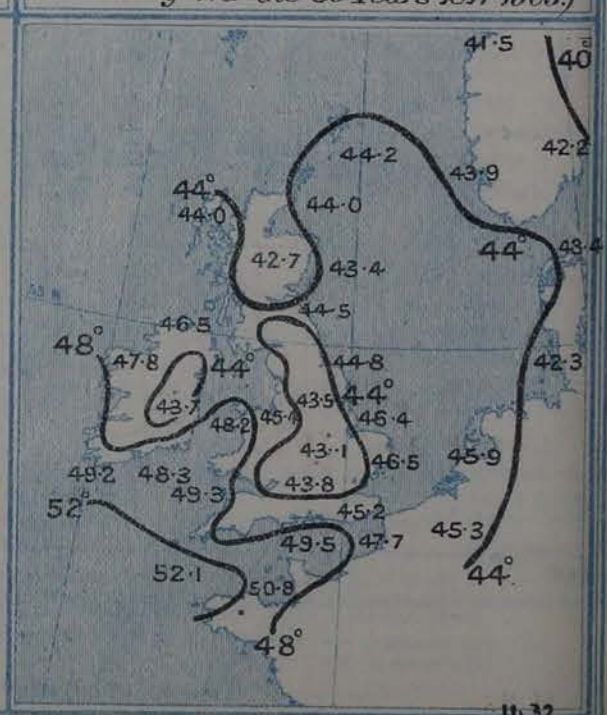
recorded in various districts of the United Kingdom during the week ended Saturday, 3RD NOV.

V. *Averages of* DAILY TEMPERATURE

at 8 A.M. for the monthly period

OCTOBER – NOVEMBER.

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The North European anticyclone is decreasing in intensity, the barometer being slightly above 30·1 ins. on the Gulf of Bothnia this morning. The depression which was on the Yorkshire coast yesterday morning is now dispersing on the upper part of the North Sea. A new disturbance is moving into the Bay of Biscay, the barometer having fallen to 29·50 ins. at Rochefort. The gradients generally are slight.

WIND

The winds are rather variable in direction, but are mainly Southeasterly and Easterly, a fresh gale being reported at Skudesnaes, but few other places reporting as much as a moderate breeze. In Ireland and central England calms prevail.

TEMPERATURE

Temperature has fallen over the greater part of the region under observation. In various parts of England and Ireland the present readings are below 40°, as low as 31° at Oxford, but along the south coast of England the readings are 50° or 51°. On the Continent the values range from 28° at Bodö, 30° at Haparanda, and 33° at Munich to 59° at Biarritz, and 60° at Nice.

WEATHER AND SEA

The weather is fine on the east coast of England, at Biarritz and over Northern Norway, cloudy to overcast elsewhere, with rain in some parts of Ireland, Belgium and the west of France. The atmosphere is foggy between London and Liverpool, at Blackwood Point and at Belfort. The sea is rather rough off Ushant, slight to very smooth in nearly all other localities.

During yesterday temperature rose to 50° and upwards at nearly all our home stations, to 57° at Scilly, and 58° at Jersey. Slight frost occurred over the inland counties in the night. Aberdeen, Stornoway and Scarborough had no bright sunshine, but at many stations the duration exceeded 5 hours, Scilly reporting 8·2 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The Bay disturbance is moving on a northeasterly course, and will produce an unsettled Southeasterly type of conditions over the greater part of these Islands, with rain in many localities. Other depressions are passing the Azores, and for the present settled fine weather is not likely.

FORECASTS*

For the 24 hours ending at NOON on 7th NOVEMBER, 1906.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	Light variable breezes; cloudy, some showers; moderate temperature.
2 ENGLAND N.E. 3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	S.E½ to E½ breezes, freshening; unsettled, some rain, fog inland; variable temperature.
6 SCOTLAND WEST	Same as Nos. 0 and 1.
7 ENGLAND N.W. 8 ENGLAND S.W. 9 IRELAND NORTH 10 IRELAND SOUTH	Light to moderate S.E½ and E½ breezes; unsettled, some rain, mist or fog in places; variable temperature.
WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

DAILY WEATHER REPORT. 6TH NOVEMBER, 1906

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Blackpool, to 9 p.m. ...	51	41	cp, c, bc	1·0	0·03	Eastbourne, to 6 p.m. ...	54	47	*	?	0·33
Southport, to 9 p.m.... ...	52	41	or, c, b	3·4	0·05	Bexhill-on-Sea, to 9 p.m.	54	49	r, b, r, c	4·8	0·69
Rhyl, to 6 p.m.	51	41	o, c	2·0	–	Hastings	*	*	*	4·4	*
Llandudno, to 9 p.m. ...	53	46	bcp	3·1	0·01	Folkestone, to 6 p.m. ...	55	43	b, c, or, c, b	5·8	0·27
Bettws-y-Coed, to 6 p.m.	52	41	c, bc	2·7	0·03	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m.	52	36	o, p, c	1·2	0·05	Margate, to 6 p.m. ...	54	43	r, b	7·4	0·26
Aberystwyth, to 6 p.m. ...	53	39	c, o	4·5	–	Lowestoft, to 6 p.m. ...	53	45	o, tlr, c, b	4·7	?
Plymouth, to 9 p.m. ...						Skegness	52	46	?	1·8	0·22
Torquay, to 6 p.m.	56	40	*	7·7	–	Scarborough, to 6 p.m. ...	51	46	*	0·0	0·20
Bournemouth, to 6 p.m. ...	56	42	*	7·6	0·01	Harrogate, to 6 p.m. ...					
Bognor, ...	*	*	bcp	6·4	*	Darwen, to 9 p.m.	52	39	bcmp, cm	1·6	0·03
Worthing	55	44	b, r, c, bm	6·4	0·18	Manchester, to 9 p.m. ...	53	43	bcr, bc	2·0	0·10
Brighton	54	45	*	6·4	0·09	Birmingham, to 9 p.m. ...	53	42	b, c	5·1	0·01

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS 5th Nov.r 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins
St. Petersburg	34	23	b, b	–	Algiers ... 5th Nov.r 1906.	79	61	b, b	–
Utrecht...	54	41	bc, bc	0·04	Tunis	73	52	bc, b	–
Groningen	48	43	o, c	0·04	Madeira (Funchal)	not	received.		
Vienna	54	43	f, f	–		1 p.m.		1 p.m.	Measured 7 p.m.
Florence	60	54	o, o	0·04	Geneva ... 4th Nov.r 1906.	Observations not received.			
Rome	64	52	bc, bc	–	Berne		*		
Naples	67	57	b, b	–	Coire		*		
Palermo	73	48	b, b	–	Castasegna...		*		
Brindisi	67	50	b, b	–	Lugano		*		
Malta	75	63	m	–	Davos...		*		

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. („ „)	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

6th Nov.r 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6·59	11·37	4·15
Greenwich	7·4	11·44	4·24
Wick	7·42	11·56	4·10
Valencia	7·46	12·25	5·4

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METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (*Director*).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Wednesday, **Meteorological Office, London.** 7th November, 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°						°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	30·20	29	S	2	o	30·21	+·10	26	26	−4	NE	2	o	*	?	26	*	*	—
	Hernösand	30·17	36	Z	o	o	30·16	+·04	40	39	+5	SW	2	o	*	40	32	*	*	—
	Stockholm	30·16	41	ESE	2	o	30·17	+·13	42	41	+1	SE	2	o	*	43	41	*	*	—
	Wisby...	30·16	45	Z	o	o	30·09	+·09	46	45	−1	SE	4	o	*	47	41	*	*	—
	Karlstad	30·09	44	SE	2	o	30·12	+·13	42	41	o	ESE	2	o	*	*	*	*	*	—
	Færder (X'iania Fjord)	29·97	48	SSE	4	m	30·02	+·13	45	45	+1	NE	2	o	2	48	44	*	*	0·12
	Bodö	30·04	30	E	2	b	30·00	−·05	32	30	+4	E	2	b	1	?39	27	*	*	—
	Christiansund ...	29·89	39	ESE	1	b	30·00	+·19	42	39	+3	Z	0	bc	2	46	39	*	*	—
	Skudesnaes ...	29·88	49	SSE	4	o	29·91	+·24	47	44	−3	ENE	4	o	2	50	45	o	*	0·12
BRITISH ISLANDS.	Sumburgh Head	29·78	44	NE	1	b	29·82	+·10	44	43	−1	N	2	bc	2	50	43	b	*	—
	Stornoway	29·80	45	ENE	1	bc	29·87	+·16	46	46	−2	NE	1	c	1	51	40	bc	0·6	0·01
	Malin Head ...	29·72	44	E	1	b	29·76	+·12	46	44	+3	E	2	bc	2	53	42	b	*	0·09
	Blacksod Pt. ...	29·71	44	NNE	3	bc	29·81	+·15	47	46	+6	N	3	emp	3	48	35	b, bc	*	0·03
	Valencia	29·64	49	N	1	o	29·71	+·13	45	44	+2	NE	1	bc	2	53	43	c, o	0·2	—
	Roche's Point ...	29·63	46	ENE	1	bc	29·64	+·05	46	45	−2	N	4	m	2	54	43	c, bc	*	0·02
	Birr Castle ...	29·66	46	Z	o	o	29·70	+·05	44	43	+5	NNW	2	og	*	49	38	op	0·2	0·01
	Donaghadee ...	29·70	50	ENE	3	†	29·70	00	48	47	+9	N	5	c	4	?59	39	cfm, bc	*	0·06
	Liverpool Obsy...	29·69	46	ENE	2	o	29·51	−·21	48	46	+11	NNE	4	o	3	49	37	f, o	*	—
	Holyhead	29·66	49	NE	2	b	29·54	−·13	49	48	+3	NE	7	†	5	54	45	b	*	0·05
	Pembroke (St. Ann's Hd.)	29·60	50	NNE	3	bc	29·42	−·21	47	45	−1	N	6	oqp	5	54	45	bcm, op	5·5	0·05
	Scilly (St. Mary's) ...	29·55	52	NE	3	o	29·48	−·12	50	47	o	N	5	o	3	55	47	c, o	6·2	—
	Jersey (St. Aubins) ...	29·43	49	ENE	4	orm	29·38	−·25	48	46	+2	W	1	om	1	51	45	orm	0·0	1·06
	Portland Bill ...	29·48	48	NE	4	†	29·28	−·40	47	46	−4	SE	2	o	2	51	44	o, †	*	0·36
	Dungeness	29·35	51	E	7	ru	29·41	−·29	52	51	+2	SE	3	o	4	54	49	†, ru	0·5	0·50
	Wick	29·80	47	E	2	c	29·84	+·16	40	39	−6	N	1	bc	2	52	34	—	*	—
	Nairn	29·78	44	Z	o	c	29·83	+·17	45	43	+2	ENE	2	o	2	48	37	—	0·6	0·15
	Aberdeen	29·79	44	WNW	1	b	29·80	+·11	46	45	+4	N	1	o	2	49	39	bc, bm, bc	1·7	—
	Leith	29·75	39	Z	o	f	29·72	+·04	47	45	+7	NE	4	c	*	49	35	—	*	—
	North Shields ...	29·75	44	NE	1	m	29·59	−·14	49	48	+8	NE	4	o	4	49	41	m	*	—
	Spurn Head ..	29·64	50	NE	4	o	29·47	−·27	51	50	+7	E	2	c	4	52	44	o, †	*	0·07
	Yarmouth	29·57	52	ENE	6	c	29·47	−·29	52	51	+11	SSE	4	c	4	52	41	c, †	*	0·20
	Clacton-on-Sea ...	29·49	50	NE	5	†	29·45	−·30	52	51	+9	ESE	3	bc	2	53	43	bc, c, o†	2·9	0·32
	Nottingham ...	29·64	44	NE	3	o	29·44	−·30	49	48	+15	E	1	om	*	49	34	cm, o	0·9	0·39
	Bath	29·56	48	E	1	o	29·35	−·36	47	46	+10	E	3	†	*	50	37	—	3·3	0·62
	Oxford	29·51	46	NE	3	†	29·39	−·35	48	47	+17	E	1	†	*	49	31	bc, f, o†	*	0·70
	London (St. James' Park)	29·47	49	ENE	5	otq	29·40	−·33	50	48	+10	SE	2	o	*	52	40	f, otq, o	0·0	0·54
GERMANY, &c.	The Scaw (Skagen)	29·99	48	SW	1	m	29·93	+·07	46	45	−2	SE	4	†	1	50	46	*	*	0·04
	Fanö	?29·80	46	NE	4	†	29·70	−·17	48	48	+1	ENE	5	m	*	48	43	*	*	0·08
	Cuxhaven	29·80	47	E	4	†	29·65	−·26	48	47	+9	SSE	2	m	*	48	39	*	*	0·12
	The Helder ...	29·63	48	E	5	†	29·59	−·29	49	48	+9	SE	1	o	1	50	40	*	*	0·08
	Brussels	*	*	*	*	*	29·56	−·23	48	47	+5	SE	2	c	*	53	43	*	*	0·02
	Berlin	29·84	51	SE	3	b	29·75	−·25	45	44	−3	SE	2	f	*	55	45	*	*	—
	Frankfurt	29·67	50	NE	2	o	29·67	−·17	48	47	+1	Z	0	c	*	55	46	*	*	0·02
	Munich	29·73	51	SE	4	o	29·78	−·18	46	45	+13	NW	1	c	*	61	33	*	*	—
FRANCE.	C. Gris Nez ...	29·44	48	ENE	4	f	29·50	−·25	47	46	+3	ESE	2	o	2	50	43	*	*	0·32
	Brest	29·45	49	NE	3	o	29·43	−·11	48	47	+3	NW	4	o	3	52	45	*	*	0·08
	Lorient	29·45	48	Z	o	o	29·45	−·08	48	47	+2	NNW	3	o	2	54	46	*	*	—
	Rochefort	29·49	56	SW	2	c	29·42	−·08	50	50	o	SE	2	bc	*	59	48		*	0·35
	Biarritz	29·55	61	SSW	4	c	29·51	−·08	55	54	−4	SW	3	o	2	68	50	*	*	—
	Paris	29·52	51	S	2	c	29·49	−·15	48	47	+3	SSE	2	o	*	57	45	*	*	0·16
	Belfort...	29·66	45	ENE	5	f	29·60	−·21	46	45	+6	E	5	c	*	48	?40	*	*	0·24
	Lyons	29·60	56	S	5	o	29·52	−·17	55	52	−2	S	1	o	*	63	53	*	*	0·24
	Nice						2											*	*	
	Perpignan	29·56	61	S	4	b	29·44	−·24	59	53	+1	S	4	o	*	74	57	*	*	—
SPAN. PEN.	Corunna																	*	*	
	Lisbon	29·70	54	SW	5	o	29·72	+·01	52	50	+8	WSW	5	o	*	61	50	*	*	0·95
	Azores (P. Delgada)...	29·96	58	NE	3	o	29·92	+·12	57	55	−8	E	4	m	4	64	52	*	*	0·47
	,, (Horta) ...	29·91	59	NE	4	†	29·89	+·09	60	58	−6	Z	0	o	2	68	57	*	*	0·07

NOTES:—(a) *At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + ·03 in., but for Sumburgh Head + ·04 in.; for stations South of Malin Head and North Shields + ·02 in., but for Scilly and Jersey + ·01 in.*

(b) *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

11·53

* *Observations for this column not generally received.*

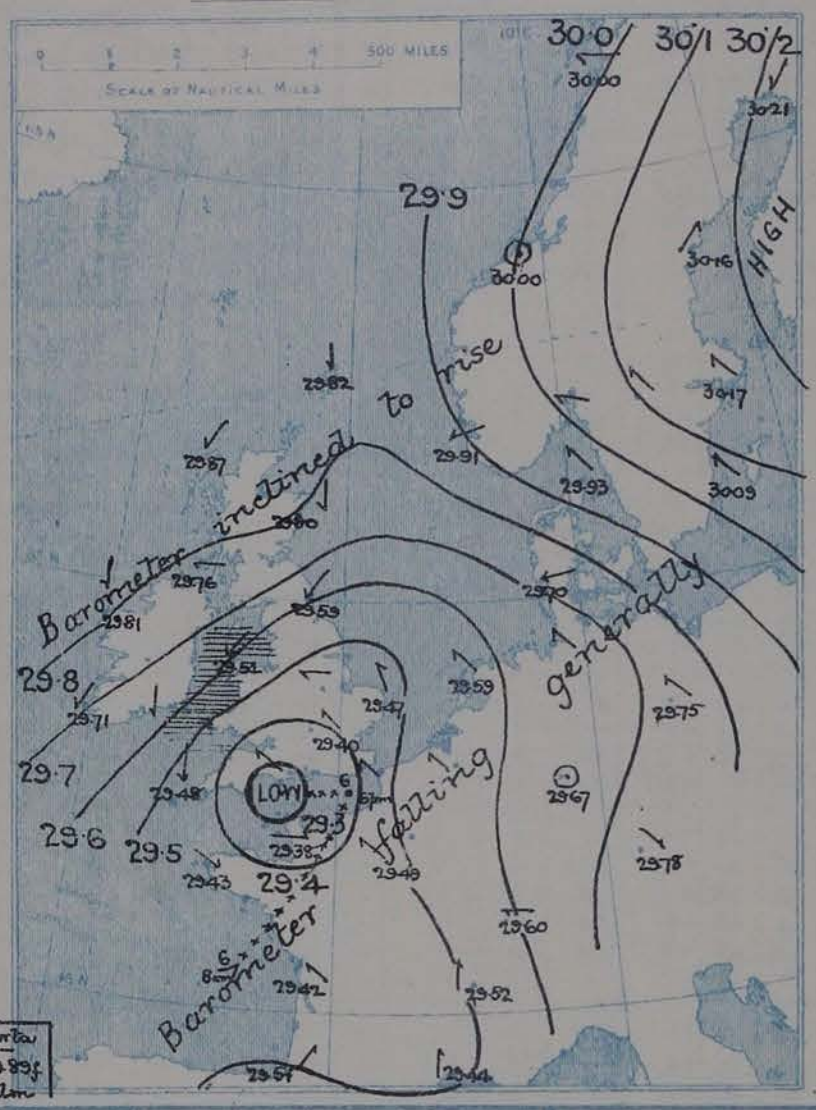
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR WEDNESDAY, 7TH NOVEMBER, 1906.

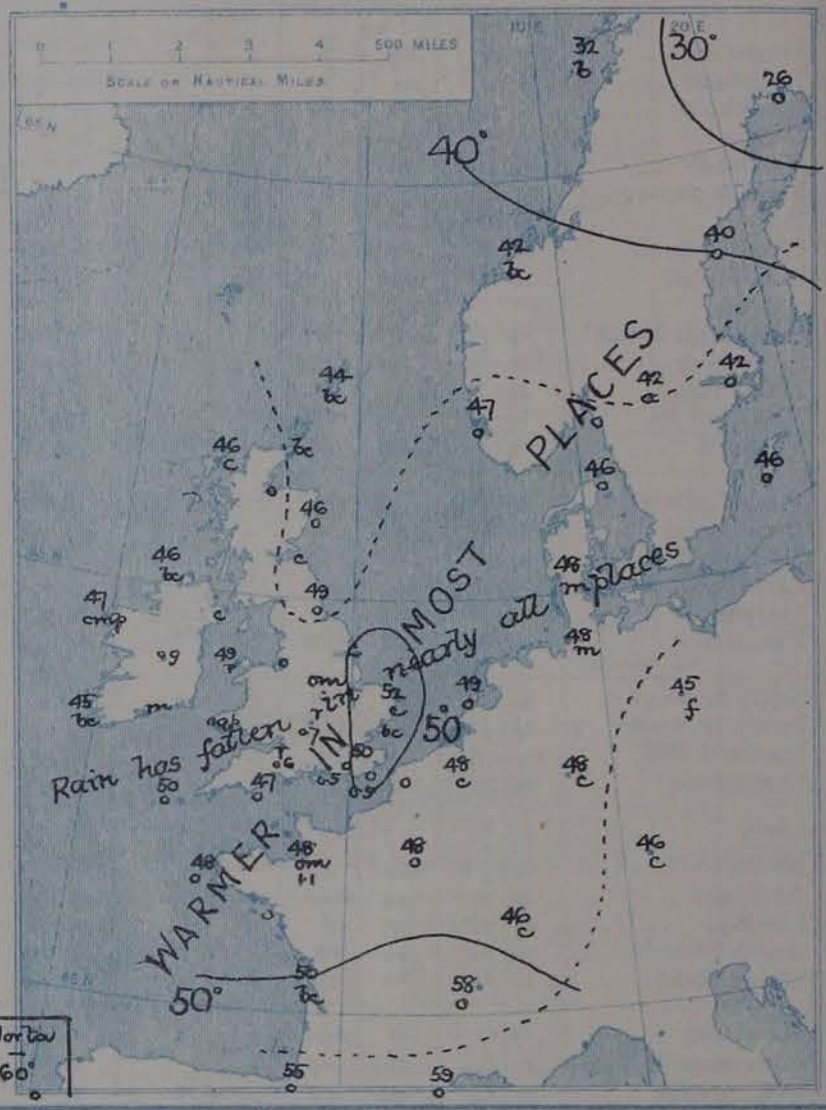
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 — *Force 8 to 10* — *Force 5 to 7* — *Force 1 to 4* — Calm
SEA.—Rough — *High*



II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6



III. BAROMETER AND WIND

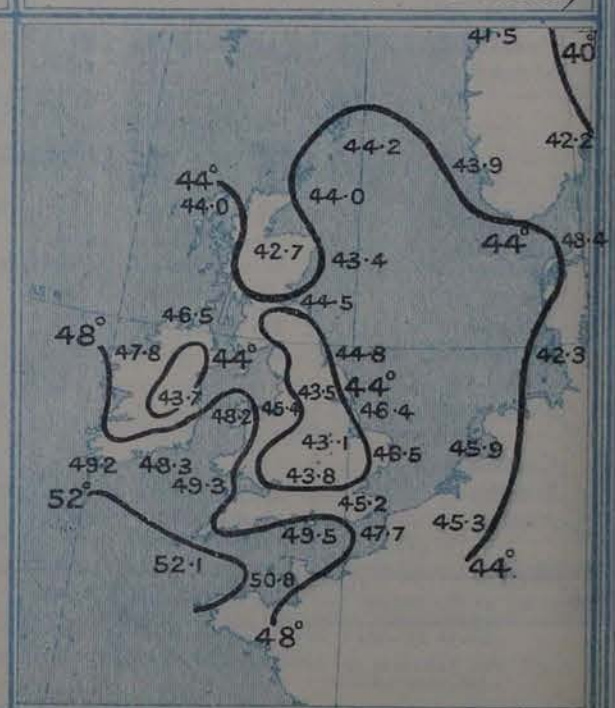
Yesterday morning.

IV. LAST WEEK'S RAINFALL.

Amount recorded in various districts of the United Kingdom during the week ended Saturday, 3RD NOVR, with the percentage of the average amount for the corresponding week.

V. *Averages of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* OCTOBER – NOVEMBER.

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Pressure remains highest over Russia, and the barometer is rising generally over the Scandinavian region and North Britain, the highest reading reported being 30·24 ins. at Haparanda. A depression which was last night on the Straits of Dover is this morning found centred between Weymouth and Jersey, the barometer having fallen to 29·28 ins. at Portland Bill. There are some signs of a secondary disturbance near the south-west coast of France. The gradient is becoming rather steep over the more western parts of England, elsewhere it is moderate to very slight.

WIND

The winds circulate round the various pressure systems, North-Easterly to Northerly over our northern and western districts, North-Westerly to Westerly over Brittany, South-Westerly to South-Easterly over Southern France, and South-Easterly to Easterly over other parts of the Continent and the south-eastern quarter of England. In most places the force is light to moderate, but a strong or high wind is reported on the Welsh coast.

TEMPERATURE

Temperature has risen at nearly all the home and foreign stations, very decidedly over England. The home values range from 40° at Wick, and 44° at Birr Castle and Lumburgh Head, to between 50° and 52° over Eastern England; on the Continent from 26° at Haparanda, 32° at Bodö, and 40° at Hernösand, to 55° at Biarritz and Lyons, and 59° at Perpignan.

WEATHER AND SEA

The weather is fine in the extreme north-east of Scotland, and in Northern Norway; nearly everywhere else the sky is very cloudy or overcast, rain is falling over Western England and in Denmark, showers at Blackrod Point, and the atmosphere is misty in various localities, foggy in Berlin. The sea is rather rough on St. George's Channel, moderate to very smooth on all other coasts.

Temperature exceeded 50° at the majority of stations yesterday, and in several places was as high as 55° or 56°. Heavy rain was experienced over the southern counties, the largest amounts reported being 0·7 in. at Oxford, and 1·1 in. at Jersey. The duration of bright ~~sunshine was exceedingly~~ variable; Jersey, Bournemouth, Birmingham ~~and~~ London had none, but Llandudno had 8 hours, Rhyl 8·6 hours, and Towyn 8·2 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The direction of the movement of the Channel depression is very uncertain. The change in position during the day will probably be slight. Another disturbance is indicated on the lower part of the Bay of Biscay, and the conditions, therefore, will remain of a very unsettled type generally.

FORECASTS*

For the 24 hours ending at NOON on 8th November, 1906.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Light or moderate N.E.ly and N.ly breezes; cloudy, changeable, some showers; rather mild.
1	SCOTLAND EAST	
⊤ 2	ENGLAND N.E.	
⊤ 3	ENGLAND EAST	Light to moderate or fresh S.ly to E.ly breezes; very changeable, some rain; mild.
4	MIDLAND COUNTIES	
⊤ 5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as Nos. 0 to 2.
⊥ 7	ENGLAND N.W.	N.ly (N.E.ly to N.W.ly) strong winds and gales, moderating later; unsettled, squally, some rain; rather mild.
⊥ 8	ENGLAND S.W.	
⊥ 9	IRELAND NORTH	Light to fresh N.E.ly and N.ly winds, strong to a gale on east coast; some rain; moderate temperature.
⊥ 10	IRELAND SOUTH	
	WARNINGS	At 3·5 p.m. yesterday to districts 3, 5 and part of 2; and at 9·15 a.m. to-day, to districts 7, 8 and parts of 9 and 10, "Hoist North Cone".

Note.—The **South Cone**, *point downwards* (⊤), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (⊥), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

DAILY WEATHER REPORT. 7TH NOVEMBER, 1906

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F Max.	Temperature F Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Blackpool, to 9 p.m. ...	51	35	m, b, c	4·6	–	Eastbourne, to 6 p.m. ...	52	43	*	0·6	0·20
Southport, to 9 p.m.... ...	53	34	b, f, c	4·6	–	Bexhill-on-Sea, to 9 p.m.	51	48	b, r	1·8	0·05
Rhyl, to 6 p.m.	55	35	c, b, c	8·1	–	Hastings	*	*	*	1·3	*
Llandudno, to 9 p.m. ...	55	40	bcm	8·0	–	Folkestone, to 6 p.m. ...	51	44	bc, b, o, r	1·3	0·50
Bettws-y-Coed, to 6 p.m.	53	33	bc, b	7·7	0·01	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m.	56	38	c, b	8·2	–	Margate, to 6 p.m. ...	52	40	d, b, r	1·8	0·31
Aberystwyth, to 6 p.m. ...	53	41	c, b, c	7·5	–	Lowestoft, to 6 p.m. ...	55	39	bc, o	4·5	–
Plymouth, to 9 p.m. ...	53	40	bc, o	2·0	0·06	Skegness	52	35	b, bc, o	4·6	0·01
Torquay, to 6 p.m.	52	41	*	0·8	0·09	Scarborough, to 6 p.m. ...	55	37	*	5·2	–
Bournemouth, to 6 p.m. ...	49	38	*	0·0	0·10	Harrogate, to 6 p.m. ...					
Bognor, ...	*	*	?	0·9	*	Darwen, to 9 p.m.	52	36	bcm, omq	5·3	–
Worthing	50	38	c, o, r	0·5	0·13	Manchester, to 9 p.m. ...	55	33	bc, h, m, o	4·1	–
Brighton	50	40	*	0·6	0·23	Birmingham, to 9 p.m. ...	47	34	o, f, o	0·0	–

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS 6th Nov., 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins
St. Petersburg	32	23	o, o	–	Algiers ... ... (6th Nov., 1906)	84	66	bc, bc	–
Utrecht...	54	43	o, o	–	Tunis	82	55	o, m	–
Groningen	54	39	c, o	–	Madeira (Funchal)	not received.			
Vienna	52	46	o, f	–		1 p.m.		1 p.m.	Measured 7 a.m.
Florence	67	54	bc, o	–	Geneva ... ... (5th Nov., 1906)	52	*	o	0·28
Rome	68	49	b, bc	–	Berne	48	*	o	0·28
Naples	70	58	b, b	–	Coire	61	*	b	–
Palermo	76	49	bc, o	–	Castasegna...	46	*	r	0·39
Brindisi	66	49	f, b	–	Lugano	48	*	r	0·59
Malta	73	67	bc	–	Davos...	48	*	o	–

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (,, ,,)	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

7th Nov., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7·0	11·37	4·14
Greenwich	7·5	11·44	4·23
Wick	7·44	11·56	4·8
Valencia	7·47	12·25	5·3

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METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (*Director*).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Thursday, **Meteorological Office, London.** 8th November, 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	30·15	33	SSW	2	†	30·09	−·12	36	36	+10	S	2	0	*	?36	26	*	*	0·16
	Hernösand	30·15	37	SW	2	0	30·15	−·01	39	39	−1	S	4	0	*	40	32	*	*	–
	Stockholm	30·13	41	ESE	2	0	30·01	−·16	42	41	0	ENE	4	0	*	43	41	*	*	–
	Wisby...	30·02	45	E	4	0	29·89	−·20	45	44	−1	SE	4	†	*	46	41	*	*	–
	Karlstad	30·06	42	E	2	†	29·97	−·15	40	40	−2	ENE	2	†	*	*	*	*	*	0·04
	Færder (X'iania Fjord)	29·95	46	E	5	0	29·89	−·13	42	42	−3	NE	4	m	2	46	41	*	*	–
	Bodö	29·99	37	E	2	c	29·94	−·06	36	35	+4	SE	2	c	1	37	30	*	*	0·12
	Christiansund ...	29·99	43	SE	1	b	29·94	−·06	38	36	−4	ENE	1	b	1	46	36	*	*	–
	Skudesnaes ...	29·85	47	ENE	4	0	29·84	−·07	46	44	−1	NE	4	0	2	50	45	0	*	0·28
BRITISH ISLANDS.	Sumburgh Head	29·84	46	NE	1	0	29·92	+·10	43	42	−1	NNE	1	b	1	49	42	c, 0	*	–
	Stornoway	29·90	43	N	2	bc	29·97	+·10	45	44	−1	NNE	2	0	2	50	40	0, bc	2·4	0·01
	Malin Head ...	29·74	49	NE	5	b	29·81	+·05	50	49	+4	NE	6	bc	4	50	?46	bc, b	*	–
	Blacksod Pt. ...	29·81	50	N	5	cgm	29·88	+·07	48	47	+1	N	5	ogm	4	50	44	bc, cgm	*	0·02
	Valencia	29·75	48	NNE	5	c	29·77	+·06	48	46	+3	N	6	†	5	52	45	cr, c	2·2	0·01
	Roche's Point ...	29·63	48	N	5	cg	29·69	+·05	47	46	+1	N	4	og	2	50	45	og, cg, b	*	0·03
	Birr Castle ...	29·69	47	N	3	c	29·74	+·04	47	45	+3	NNE	3	0	*	49	41	c, r, 0	1·0	0·07
	Donaghadee ...	29·69	51	NE	6	0	29·76	+·06	51	49	+3	NNE	6	c	6	52	48	ogr, 0, om	*	0·18
	Liverpool Obsy...	29·55	49	NNE	1	0	29·60	+·09	47	46	−1	NNE	3	†	2	51	45	omp	*	0·03
	Holyhead	29·55	52	NE	7	om	29·62	+·08	51	50	+2	NE	5	c	4	52	48	rg, om	*	0·09
	Pembroke (St. Ann's Hd.)	29·46	50	NNE	5	0	29·54	+·12	50	48	+3	NNE	4	ogm	3	51	45	op, ogm	0·0	0·09
	Scilly (St. Mary's) ...	29·38	51	N	7	rg	29·50	+·02	51	50	+1	NNE	4	0	4	53	48	r, rg	0·0	0·34
	Jersey (St. Aubins) ...	29·36	49	S	3	bc	29·40	+·02	47	46	−1	WNW	2	omw	2	52	45	orm, cg, w	0·0	0·02
	Portland Bill ...	29·37	52	ESE	4	op	29·38	+·10	50	49	+3	NNE	4	†	3	53	46	0	*	0·15
	Dungeness	29·42	53	SE	1	0	29·22	−·19	53	52	+1	N	4	†	3	54	51	c, 0	2·0	0·29
	Wick	29·83	43	N	1	bc	29·89	+·05	42	41	+2	N	1	b	1	49	39	–	*	0·02
	Nairn	29·81	47	ENE	3	†	29·87	+·04	46	45	+1	ENE	3	c	2	49	44	–	0·0	0·07
	Aberdeen	29·76	48	NE	4	r	29·83	+·03	47	47	+1	NNE	4	†	5	49	44	bc, c, orq	1·6	0·39
	Leith	29·69	47	NE	3	†	29·74	+·02	49	47	+2	NNE	5	0	*	50	47	†	*	0·52
	North Shields ...	29·55	49	NNE	3	om	29·63	+·04	49	49	0	NE	2	0	5	50	46	rg, om	*	0·15
	Spurn Head ..	29·51	50	NE	2	b	29·47	00	50	50	−1	NNE	5	†	4	55	49	b, p, †	*	0·14
	Yarmouth	29·47	53	ESE	4	bc	29·35	−·12	53	52	+1	NNE	6	odg	5	54	51	bc	*	0·38
	Clacton-on-Sea ...	29·46	52	NE	2	r	29·31	−·14	52	52	0	NNE	4	†	2	53	51	bc, or	3·1	0·51
	Nottingham ...	29·50	50	ENE	1	†	29·49	+·05	50	49	+1	NE	3	rm	*	54	49	c, r	0·8	0·35
	Bath	29·44	48	E	1	†	29·44	+·09	50	49	+3	N	4	†	*	51	45	–	0·0	0·22
	Oxford	29·47	45	ENE	1	b	29·42	+·03	50	49	+2	NNE	3	†	*	52	45	0, r	*	0·35
	London (St. James' Park)	29·44	52	SE	3	0	29·34	−·06	52	51	+2	NNE	2	or	*	54	50	0, bc, c, or	1·0	0·39
GERMANY, &c.	The Scaw (Skagen)	29·85	49	E	5	0	29·81	−·12	47	46	+1	E	4	0	1	50	46	*	*	–
	Fanö	29·67	47	ESE	4	0	29·62	−·08	48	47	0	ENE	6	0	*	48	46	*	*	–
	Cuxhaven	29·67	47	SE	3	f	29·47	−·18	48	47	0	E	5	*	*	48	45	m, f	*	–
	The Helder ...	29·57	51	ESE	1	0	29·34	−·25	48	46	−1	ENE	6	0	3	54	48	*	*	0·04
	Brussels	*	*	*	*	*	29·29	−·27	48	48	0	SSW	2	f	*	54	46	*	*	0·16
	Berlin	29·68	48	Z	0	f	29·49	−·26	47	46	+2	E	2	0	*	52	43	*	*	–
	Frankfurt	29·41	53	Z	0	0	29·34	−·33	52	49	+4	SW	5	0	*	54	46	*	*	–
	Munich	29·49	53	SE	4	b	29·44	−·34	54	49	+8	SW	4	0	*	63	46	*	*	–
FRANCE.	C. Gris Nez ...	29·48	51	E	1	0	29·30	−·20	52	51	+5	NE	3	†	4	57	43	*	*	0·16
	Brest	29·34	50	NW	6	0	29·38	−·05	47	46	−1	N	3	0	2	52	46	*	*	0·16
	Lorient	29·39	50	NW	5	0	29·39	−·06	49	48	+1	E	2	0	2	55	48	*	*	0·08
	Rochefort	29·40	54	NNW	4	0	29·48	+·06	52	50	+2	SW	5	†	*	59	48		*	0·08
	Biarritz	29·47	53	W	7	†	29·67	+·16	53	51	−2	SSE	2	bc	2	59	48	*	*	0·20
	Paris	29·42	49	ESE	1	*	?29·38	−·11	47	46	−1	SW	2	†	*	55	47	*	*	0·32
	Belfort...	29·44	47	Z	0	f	29·47	−·13	45	43	−1	WSW	6	0	*	49	45	*	*	0·16
	Lyons	29·34	49	NW	2	†	29·60	+·08	44	43	−11	S	2	0	*	57	44	*	*	2·99
	Nice	29·50	58	E	6	†	29·60	−·12	47	45	−8	E	1	b	4	61	43	*	*	2·32
	Perpignan	29·43	48	NW	3	0	29·68	+·24	43	42	−16	NW	2	b	*	64	41	*	*	0·28
SPAN. PEN.	Corunna																	*	*	
	Lisbon	29·78	56	SW	2	b	29·78	+·06	54	51	+2	W	1	c	*	61	52	*	*	0·12
	Azores (P. Delgada)...																	*	*	–
	,, (Horta) ...	30·10	60	NE	3	0	30·10	+·21	58	51	−2	NE	4	b	2	64	54	*	*	

NOTES:—(a) *At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + ·03 in., but for Sumburgh Head + ·04 in.; for stations South of Malin Head and North Shields + ·02 in., but for Scilly and Jersey + ·01 in.*

(b) *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

† *Observations received too late for insertion in Charts on next page.*

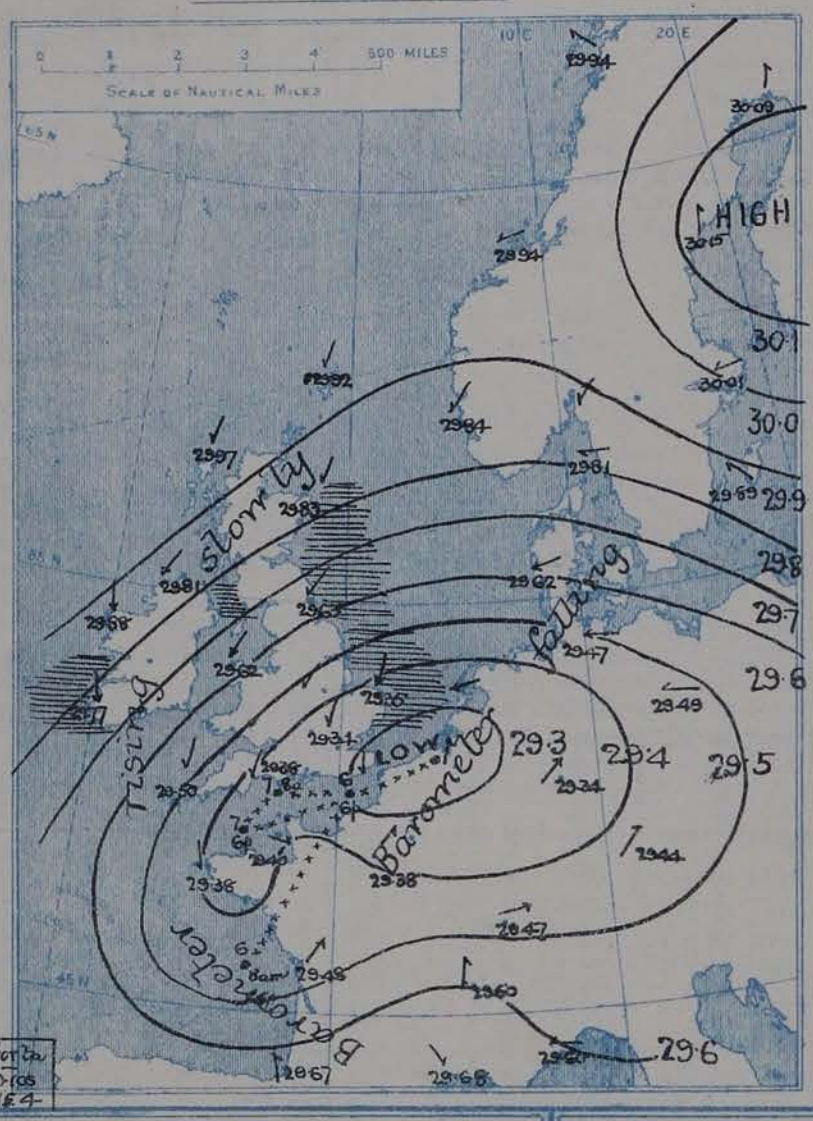
WEATHER CHARTS

FOR THURSDAY, 8TH NOVEMBER, 1906.

I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 ⟶ : *Force 5 to 7* ⟶ : } Calm ⊙
Force 8 to 10 ⟶ : *Force 1 to 4* ⟶ :
SEA.—Rough *High*

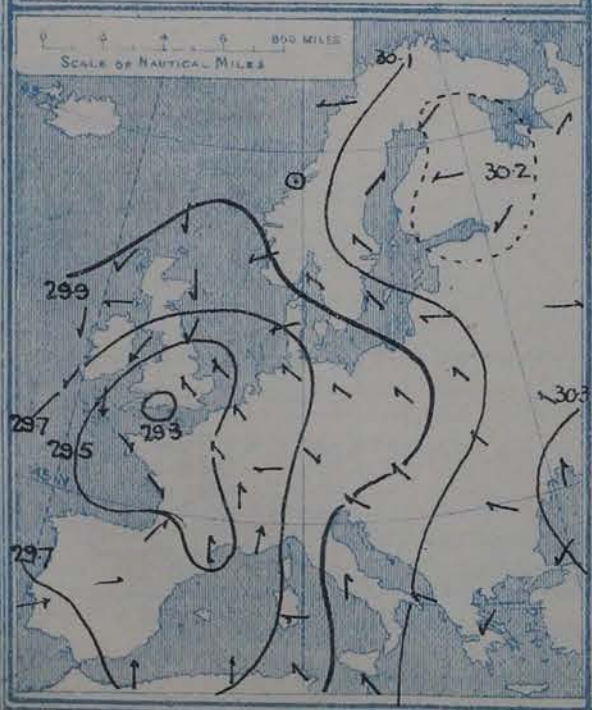


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0·6

III. BAROMETER AND WIND

Yesterday morning.

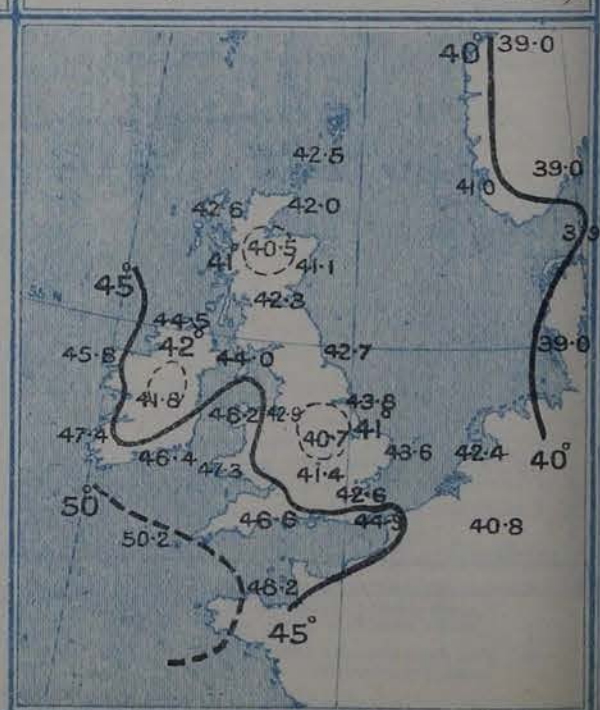


IV. LAST WEEK'S SUNSHINE.

Amount recorded in various districts of the United Kingdom during the week ended Saturday, 3RD NOV.R, with the percentage of the average duration for the corresponding week.

V. *Averages of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* NOVEMBER.

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone over Northern Europe is diminishing in intensity, the highest barometer reading reported this morning being 30·15 ins. at Hernösand. Another anticyclone is indicated out in the direction of Iceland, the barometer having risen to nearly 30 ins. in the Hebrides. Yesterday's depression on the western half of the English Channel has moved eastward during the night, and is now centred between the Straits of Dover and Brussels, with the barometer below 29·3 ins. The gradients are moderately steep over these Islands, and across to the Baltic, moderate to slight elsewhere.

WIND

There is a complete cyclonic wind circulation round the Belgian low pressure, Northerly over the British Isles, South-Westerly over France and Western Germany, and Easterly to North-Easterly beyond the North Sea. The force is very variable, between a light and a strong breeze.

TEMPERATURE

Temperature has risen at nearly all our home stations, but on the Continent the changes have been irregular. The present values range from 42° at Wick and 43° at Sumburgh Head, to between 50° and 53° in nearly all parts of England and the north east of Ireland; in Scandinavia from 36° at Bodö and Haparanda, to 46° at Skudesnaes; and over the western countries of Europe from 43° at Perpignan, 44° at Lyons and 45° at Belfort and Havre, to 53° at Biarritz and 54° at Munich.

WEATHER AND SEA

The weather is fine and clear in the extreme north-east of Scotland, on the northern Norwegian coast, and in the south of France, overcast in nearly all other localities, with rain over the greater part of England, Northern and Western France, Southern Sweden, and on the coast of Kerry. At Brussels the atmosphere is foggy. A rough sea is running outside Belfast Lough, and it is rather rough off Valencia and on the North Sea.

Temperatures of 50° and upwards were registered nearly all over these Islands yesterday, 55° at Spurn Head, and 56° at Lowestoft; several of the eastern stations remained as high as 50° or 51° through the night. Rain fell generally over these Islands and France, 0·5 in. at Leith and Clacton-on-Sea, 2·3 ins. at Nice, and 3 ins. at Lyons. At most stations there was little or no sunshine, but Lowestoft reports 5 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The gradual rise of the barometer over our northern and western districts probably indicates the passing of the Belgian low pressure system to the eastward or north-eastward, so that the Northerly winds will diminish in force, and the weather improve as the day advances.

FORECASTS*

For the 24 hours ending at NOON on 9th November, 1906.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	Moderate or light N.E.ly to N.ly breezes; changeable, some rain locally; moderate temperature	6 SCOTLAND WEST	Same as Nos. 0 and 1.
2 ENGLAND N.E. 3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	Strong moderating N.E.ly and N.ly winds; unsettled and rainy at first; fairer later; mild.	⚠7 ENGLAND N.W. ⚠8 ENGLAND S.W	Same as Nos. 2 to 5.
		⚠9 IRELAND NORTH ⚠10 IRELAND SOUTH	Strong moderating N.E.ly and N.ly winds; changeable, some rain locally, improving later; mild.
		WARNINGS	The North Cone is still flying in Districts 7, 8 and parts of 9 and 10.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

DAILY WEATHER REPORT.

8TH NOVEMBER, 1906

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Blackpool, to 9 p.m. ...	52	38	o, c	0·0	—	Eastbourne, to 6 p.m. ...	53	51	*	0·9	0·34
Southport, to 9 p.m.... ...	52	40	c, o	0·2	—	Bexhill-on-Sea, to 9 p.m.	53	51	bv, cv, g	1·6	0·65
Rhyl, to 6 p.m.	53	44	b, c, o	0·0	?	Hastings	*	*	*	0·2	*
Llandudno, to 9 p.m. ...	51	46	o, r, o	0·0	0·12	Folkestone, to 6 p.m. ...	54	50	bc, o, bc, or, o	1·6	0·03
Bettws-y-Coed, to 6 p.m.	50	36	c, o	0·0	0·28	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m.	51	37	o, r, o	0·0	0·10	Margate, to 6 p.m. ...	54	47	o, b, or, o	2·4	0·01
Aberystwyth, to 6 p.m. ...	51	44	r, o, r	0·0	0·16	Lowestoft, to 6 p.m. ...	56	39	or, c, bc, o	5·0	0·29
Plymouth, to 9 p.m. ...	50	45	bc, or, o	0·7	0·09	Skegness	54	49	r, b, bc	4·5	0·15
Torquay, to 6 p.m.	50	45	*	0·0	0·16	Scarborough, to 6 p.m. ...	52	47	*	0·0	0·03
Bournemouth, to 6 p.m. ...	52	41	*	0·0	0·54	Harrogate, to 6 p.m. ...					
Bognor, ...	*	*	og	0·2	*	Darwen, to 9 p.m.					
Worthing	?	45	r, o, r, e	0·4	0·36	Manchester, to 9 p.m. ...	54	45	or, f, bc	0·1	0·04
Brighton	54	48	*	0·4	0·20	Birmingham, to 9 p.m. ...	52	44	r, o, r	0·2	0·52

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS 7TH NOV., 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins
St. Petersburg	32	30	s, s	—	Algiers ... 7TH NOV., 1906. ...	82	59	c, o	—
Utrecht...	50	41	o, c	0·12	Tunis	77	55	b, bc	—
Groningen	50	41	r, r	0·16	Madeira (Funchal)	not	rec^d		
Vienna	50	43	f, b	—		1 p.m.		1 p.m.	Measured 7 a.m.
Florence	67	59	b, o	—	Geneva ... 6TH NOV., 1906. ...	48	*	o	—
Rome	70	60	o, o	—	Berne	43	*	f	0·20
Naples	72	62	b, o	—	Coire	63	*	o	—
Palermo	not	rec^d			Castasegna...	46	*	r	0·83
Brindisi	70	52	b, b	—	Lugano	55	*	o	0·91
Malta	86	69	c	—	Davos...	54	*	bc	—

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (" ")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

8TH NOV., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7·2	11·37	4·12
Greenwich	7·7	11·44	4·21
Wick	7·46	11·56	4·6
Valencia	7·49	12·25	5·1

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FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (*Director*).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Friday, **Meteorological Office, London.** 9th November, 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sun-shine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	30·11	35	SW	2	bc	30·05	−·04	31	30	−5	S	4	S	*	37	31	*	*	0·20
	Hernösand	30·04	38	z	0	†	29·95	−·20	35	34	−4	z	0	S	*	39	35	*	*	0·39
	Stockholm	29·86	42	ENE	4	m	29·67	−·34	41	41	−1	E	4	†	*	43	39	*	*	0·24
	Wisby...	29·74	44	ESE	4	0	29·51	−·38	47	47	+2	ESE	2	f	*	47	41	*	*	0·08
	Karlstad	29·85	41	ESE	2	0	29·72	−·25	41	40	+1	NNE	2	0	*	*	*	*	*	0·04
	Færder (X'iania Fjord)	29·82	42	N	6	0	29·72	−·27	43	42	+1	NNE	7	0	3	43	41	*	*	
	Bodö	29·86	36	SW	5	†	29·87	−·07	34	32	−2	SW	5	c	2	39	30	*	*	
	Christiansund ...	29·95	40	NE	4	†	30·08	+·14	35	34	−3	NE	2	0	2	43	35	*	*	0·20
	Skudesnaes ...	29·81	45	N	4	b	29·76	−·08	41	39	−5	N	6	b	2	48	41	c, b	*	—
BRITISH ISLANDS.	Sumburgh Head	29·94	47	NE	3	c	30·13	+·21	36	33	−7	N	4	0	5	48	35	bc, c	*	0·01
	Stornoway	30·03	45	NNE	2	0	30·24	+·27	40	28	−5	NE	3	0	3	49	38	0 & p, 0	3·0	0·04
	Malin Head ...	29·88	49	ENE	6	b	30·03	+·22	47	45	−3	NE	6	bc	5	51	45	bc, b	*	—
	Blacksod Pt. ...	29·93	49	N	6	0p	30·03	+·15	49	47	+1	N	5	cgm	4	49	47	cgmp, 0p	*	0·01
	Valencia	29·83	51	N	5	0g	29·97	+·20	48	43	0	NNE	6	c	5	52	46	0g	0·1	0·01
	Roche's Point ...	29·72	49	N	5	0g	29·87	+·18	45	43	−2	NNE	4	bcg	3	51	45	0, 0g	*	—
	Birr Castle ...	29·78	49	N	4	0	29·96	+·22	41	39	−6	NNE	2	c	*	50	38	0	0·0	—
	Donaghadee ...	29·82	51	ENE	6	0	30·01	+·25	47	46	−4	NE	6	0	6	52	47	bc, cg	*	—
	Liverpool Obsy...	29·59	50	NNE	6	0	29·81	+·21	46	44	−1	NNE	6	0	4	51	47	0, †	*	0·42
	Holyhead	29·63	52	NE	7	0ggm	29·83	+·21	50	46	−1	NE	7	c	6	52	41	0m, 0gg	*	—
	Pembroke (St. Ann's Hd.)	29·53	50	N	5	0	29·70	+·16	49	46	−1	NNE	6	0gg	5	52	47	0p, 0†	0·0	0·21
	Scilly (St. Mary's) ...	29·53	52	N	6	p	29·62	+·12	52	49	+1	NNE	6	0g	4	54	49	c, p	0·1	0·31
	Jersey (St. Aubins) ...	29·35	51	NNW	2	0mt	29·41	+·01	52	51	+5	NW	2	0mt	2	55	47	0g, 0mt	0·2	0·86
	Portland Bill ...	29·32	50	N	4	†	29·46	+·08	52	50	+2	NNE	6	cg	4	52	49	†	*	0·49
	Dungeness	29·22	51	NNW	2	†	29·50	+·28	52	51	−1	S	3	†	3	53	49	†	0·0	0·31
	Wick	29·96	42	N	2	0	30·13	+·24	40	38	−2	N	4	0	2	48	37	—	*	0·05
	Nairn	29·95	48	E	1	c	30·14	+·27	40	39	−6	NNE	4	0	4	50	40	—	1·6	0·04
	Aberdeen	29·91	45	NNW	3	b	30·08	+·25	40	39	−7	N	4	c	4	49	39	c, 0d, bc p	0·2	0·09
	Leith	29·87	48	NNE	4	0	30·05	+·31	43	39	−6	NNE	5	bc	*	49	42	0g p	*	0·04
	North Shields ...	29·72	48	NNE	5	†	29·88	+·25	48	45	−1	NNE	6	0	7	51	44	0p, †	*	0·03
	Spurn Head ..	29·43	51	NE	6	rg	29·64	+·17	49	47	−1	NNE	7	rg	6	51	48	rg	*	0·19
	Yarmouth	29·30	52	ENE	5	†	29·55	+·20	52	51	−1	NE	5	c	4	53	50	†	*	0·53
	Clacton-on-Sea ...	29·27	51	NNE	2	†	29·56	+·25	50	50	−2	NE	2	0	2	53	50	0†, 0g	0·0	0·47
	Nottingham ...	29·44	50	NE	5	†	29·68	+·19	47	47	−3	NE	5	†	*	51	47	†	0·0	0·76
	Bath	29·37	50	N	2	†	29·61	+·17	50	48	0	NE	7	0	*	51	48	—	0·0	0·90
	Oxford	29·36	51	NE	5	†	29·59	+·17	49	48	−1	NE	5	†	*	51	49	†, rg	*	1·08
	London (St. James' Park)	29·27	51	NE	4	0†	29·54	+·20	51	50	−1	NE	4	0	*	52	50	†, 0	0·0	0·90
GERMANY, &c.	The Scaw (Skagen)	29·71	46	NE	5	0	29·63	−·18	46	44	−1	NE	4	0	0	48	45	*	*	0·54
	Fanö	29·58	48	NE	2	†	29·56	−·06	46	45	−2	NE	1	0	*	48	45	*	*	0·39
	Cuxhaven	29·49	49	E	3	m	29·59	+·12	45	44	−3	S	2	0	*	50	43	f, †	*	0·28
	The Helder ...	29·44	50	SE	1	†	29·59	+·25	46	43	−2	S	1	0	1	50	45	*	*	0·59
	Brussels	*	*	*	*	*	29·53	+·24	48	46	0	S	2	c	*	51	45	*	*	0·32
	Berlin	29·58	53	SSW	2	0	29·76	+·27	41	40	−6	SSW	3	b	*	55	41	*	*	—
	Frankfurt	29·67	46	S	2	c	29·77	+·43	42	41	−10	N	1	b	*	54	42	*	*	0·02
	Munich	29·78	42	SW	2	b	29·91	+·47	37	37	−17	SE	2	bc	*	55	36	*	*	—
FRANCE.	C. Gris Nez ...	29·30	48	S	5	†	29·51	+·21	50	48	−2	SE	2	0	4	55	46	*	*	0·67
	Brest	29·43	52	N	4	0	29·36	+·61	51	51	+4	NNE	6	?	3	54	47	*	*	0·16
	Lorient	29·45	54	NNW	3	0	29·45	+·06	52	51	+3	SW	4	0	2	55	46	*	*	0·20
	Rochefort	29·51	54	SW	5	†	29·57	+·09	53	52	+1	SW	4	0	*	57	52	c, †	*	0·16
	Biarritz	29·67	57	W	3	c	29·69	+·02	49	49	−4	S	3	b	2	59	46	*	*	—
	Paris	29·46	50	SSW	3	0	29·61	+·23	49	47	+2	E	3	c	*	52	47	*	*	0·12
	Belfort...	29·64	48	WSW	4	bc	29·80	+·33	39	37	−6	ENE	4	b	*	53	38	*	*	—
	Lyons	29·72	49	S	1	b	29·77	+·17	42	42	−2	Z	0	c	*	56	41	*	*	0·04
	Nice	29·78	51	SW	1	bc	29·78	+·18	49	46	+2	ENE	3	0	3	59	45	*	*	—
	Perpignan	29·74	51	Z	0	b	29·67	−·01	46	46	+3	NW	†	0	*	62	42	*	*	—
SPAN. PEN.	Corunna																	*	*	
	Lisbon	29·85	53	N	2	b	29·95	+·17	55	51	+1	WSW	2	0	*	57	50	*	*	—
	Azores (P. Delgada)...																	*	*	
	,, (Horta) ...	30·13	57	NW	1	b	30·12	+·02	57	52	−1	NW	2	0	2	66	55	*	*	—

NOTES:—(a) *At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + ·03 in., but for Sumburgh Head + ·04 in.; for stations South of Malin Head and North Shields + ·02 in., but for Scilly and Jersey + ·01 in.*

(b) *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

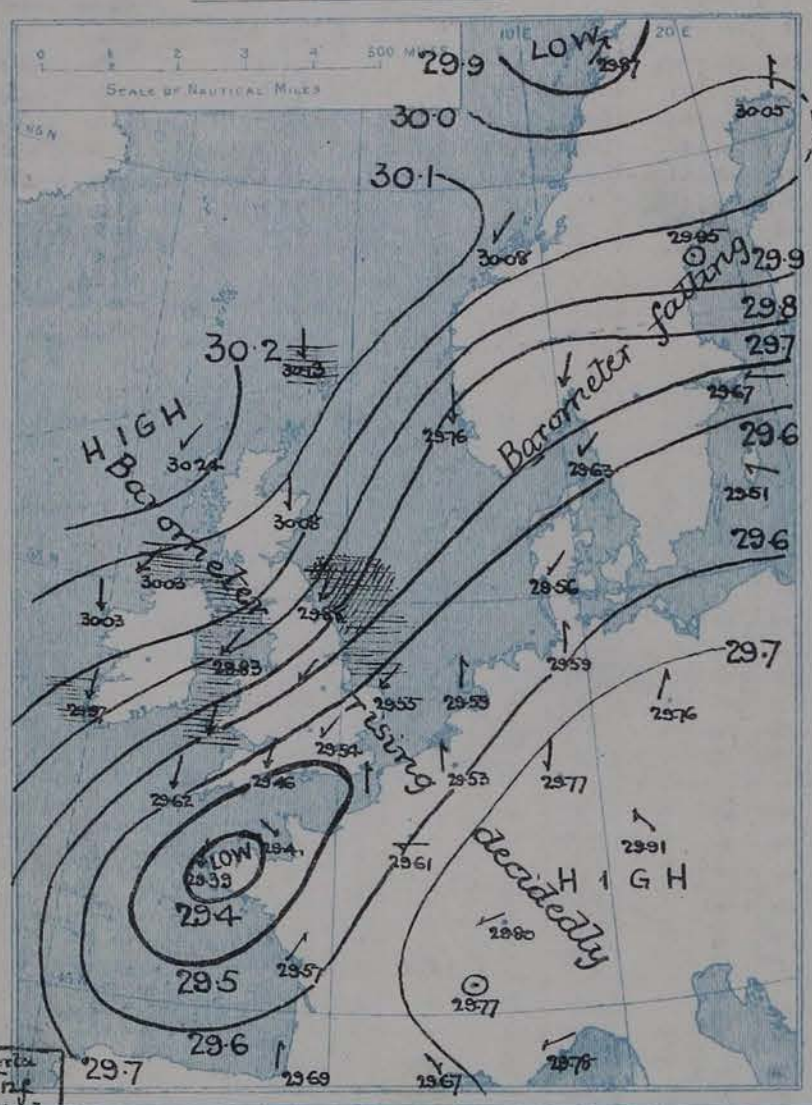
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR FRIDAY, 9TH NOVEMBER, 1906.

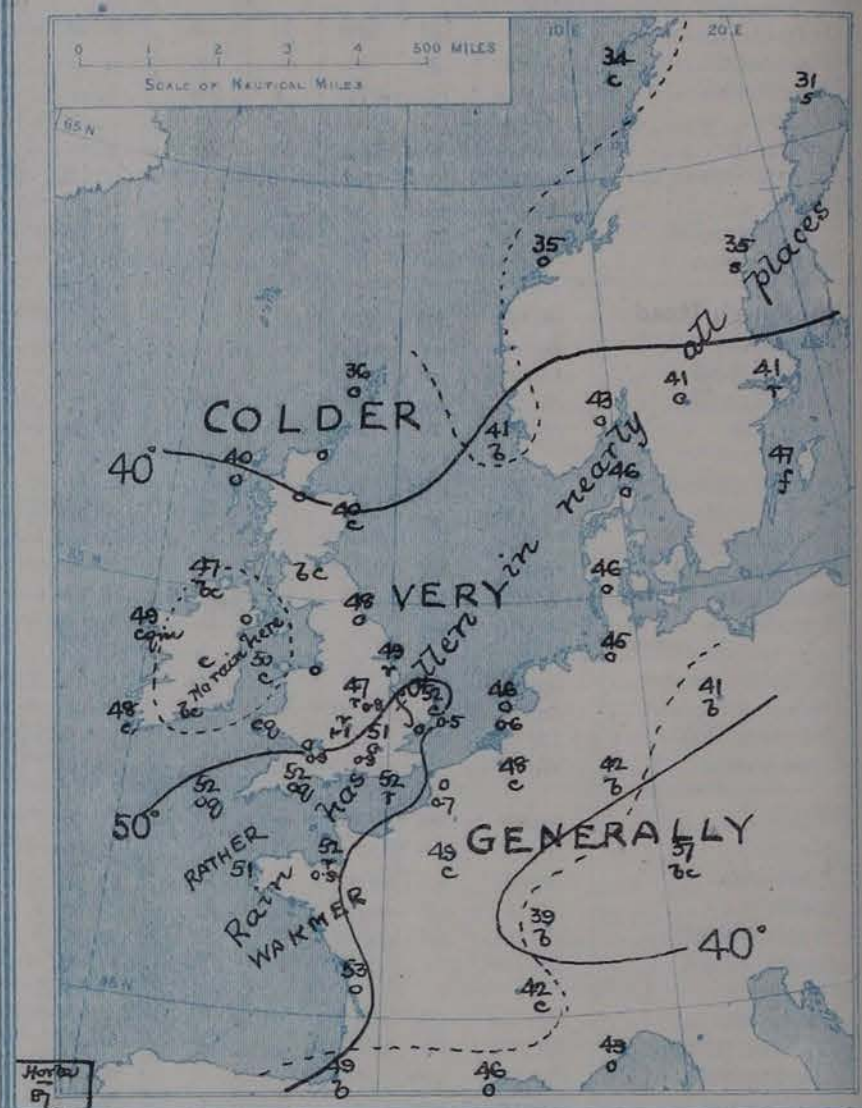
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 ↦——→ : *Force 5 to 7* ——→ : } Calm ⊙
Force 8 to 10 ↦——→ : *Force 1 to 4* ——→ : }
SEA.—Rough ▒ *High* ▒



II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0·6



III. BAROMETER AND WIND

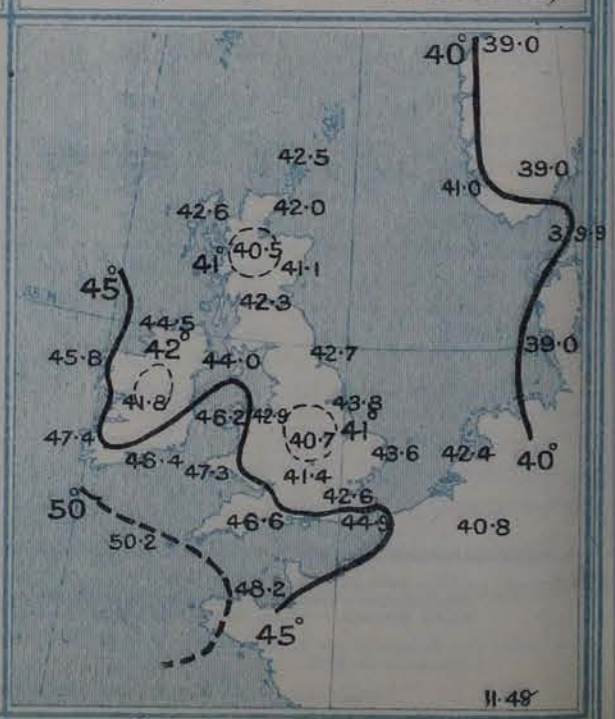
Yesterday morning.

IV. RAINFALL IN 1906.

Total Amount recorded in various districts of the United Kingdom in the ~~44~~ weeks ended Saturday, 3RD NOV., with the percentage of the average amount for the corresponding period.

V. *Averages of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* NOVEMBER.

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)



11.48

GENERAL SITUATION AT 8 A.M.

PRESSURE

The region of highest pressure is this morning found between Scotland and Iceland, the barometer having risen to 30·24 ins. at Stornoway. The centre of a low pressure system lies over Brittany, with the mercury below 29·4 ins., a narrow belt of low readings, below 29·6 ins., extending thence across the lower part of the North Sea to the Baltic and Russia. In most regions the gradient is rather steep.

WIND

The low pressure belt separates the winds into two main currents, North-Easterly on its northern side, Southerly and South-Westerly on its southern side. The North-Easterly winds are fresh to very strong in most localities, while the equatorial current is light or moderate.

TEMPERATURE

Temperature has risen over the western half of the English Channel, the north and the extreme south of France, and in Southern Sweden, fallen in all other districts, very decidedly in Western Germany. At the home stations the values range from 36° at Lumburgh Head and 40° over Northern Scotland to between 50° and 52° in most parts of England; over Scandinavia from 31° at Haparanda and 34° at Bodö to 47° at Wisby; over Western Europe from 37° at Munich and 39° at Belfort to 53° at Rochefort and 55° at Lisbon.

WEATHER AND SEA

The weather is fine in Germany and Eastern France, elsewhere it is mostly overcast, rain is falling in several parts of England and at Stockholm, snow at Haparanda and Hernösand, and the atmosphere is foggy at Wisby.

A high sea is running off the north-east of England, and it is rough or rather rough on the Irish Sea, St. George's Channel, and locally off our northern and western coasts, moderate to very smooth elsewhere.

During yesterday temperature rose to 50° and upwards at nearly every station in these Islands, to 55° at Jersey. The majority of the night minima were as high as 47° to 50°. Over the southern districts the rainfall was very heavy and persistent, the largest amounts measured this morning being 0·9 in. at Jersey, Bath and in London, and 1·1 in. at Oxford. Stornoway had 3 hours of bright sunshine, nearly every other station had none.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Pressure is now on the increase all over the British Isles and the western part of the Continent. It seems probable, therefore, that the weather over these Islands will come more under the influence of the anticyclone which is spreading down upon us from the north-westward.

FORECASTS*

For the 24 hours ending at NOON on 10th November, 1906.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	Fresh to light N.ly and N.E.ly breezes; cloudy, changeable, some showers; moderate temperature.
2 ENGLAND N.E. 3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	Fresh or strong N.ly and N.E.ly breezes, moderating; unsettled, squally, with rain at first, fairer later; some decrease of temperature.
6 SCOTLAND WEST	Same as Nos. 0 and 1.
7 ENGLAND N.W. 8 ENGLAND S.W. 9 IRELAND NORTH 10 IRELAND SOUTH	Same as Nos. 2 to 5.
WARNINGS	At 1·15 p.m. yesterday to districts 2, 3 and 5; and at 6·55 p.m. to districts 7, 8, 9 and 10, "HOIST NORTH CONE".

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

DAILY WEATHER REPORT. 9TH NOVEMBER, 1906

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Blackpool, to 9 p.m. ...	52	44	o	0·0	–	Eastbourne, to 6 p.m. ...	52	49	*	0·0	0·56
Southport, to 9 p.m.... ...	53	44	o, oqu	0·0	–	Bexhill-on-Sea, to 9 p.m.	53	50	r	0·0	0·57
Rhyl, to 6 p.m.	51	47	?	0·0	0·09	Hastings	*	*	*	0·0	*
Llandudno, to 9 p.m. ...	52	48	op	0·0	0·02	Folkestone, to 6 p.m. ...	53	50	d, r, o, d	0·0	0·22
Bettws-y-Coed, to 6 p.m.	50	47	or	0·0	0·06	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m.	52	43	o	0·0	0·02	Margate, to 6 p.m. ...	54	51	r, o	0·0	0·46
Aberystwyth, to 6 p.m. ...	53	48	o, r	0·0	0·06	Lowestoft, to 6 p.m. ...	53	50	o, or	0·0	0·91
Plymouth, to 9 p.m. ...	52	45	o, or	0·0	0·17	Skegness	51	50	r	0·0	0·85
Torquay, to 6 p.m.	51	46	*	0·0	0·47	Scarborough, to 6 p.m. ...	51	48	*	0·0	–
Bournemouth, to 6 p.m. ...	50	43	*	0·0	0·73	Harrogate, to 6 p.m. ...					
Bognor, ...	*	*	?	0·0	*	Darwen, to 9 p.m.					
Worthing	51	47	or	0·0	0·72	Manchester, to 9 p.m. ...	52	49	op, o	0·0	0·01
Brighton	51	48	*	0·0	0·85	Birmingham, to 9 p.m. ...	49	46	r	0·0	1·05

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS 8th Nov., 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins
St. Petersburg	?	?	o, o	–	Algiers ... 8th Nov., 1906. ...	73	57	o, c	2·13
Utrecht...	55	46	o, o	0·04	Tunis	81	57	m, bc	–
Groningen	54	45	c, m	0·04	Madeira (Funchal)	not	rec.?		
Vienna	61	54	b, o	–		1 p.m.		1 p.m.	Measured 7 a.m.
Florence	70	54	o, o	0·83	Geneva ... 7th Nov., 1906 ...	48	*	o	0·59
Rome	72	61	o, o	0·28	Berne	46	*	o	0·12
Naples	71	66	b, o	–	Coire	57	*	bc	0·59
Palermo	83	66	f, o	–	Castasegna...	46	*	r	2·72
Brindisi	72	60	b, b	–	Lugano	54	*	r	1·50
Malta	74	69	bc	–	Davos...	50	*	bc	0·51

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (" ")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

9th Nov., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7·4	11·37	4·10
Greenwich	7·9	11·44	4·19
Wick	7·49	11·56	4·3
Valencia	7·51	12·25	4·59

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METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (*Director*).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Saturday, **Meteorological Office, London.** 10th November, 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	29·87	26	Z	0	s	29·63	−·42	21	20	−10	NNE	2	s	*	36	?21	*	*	0·91
	Hernösand	29·73	32	NW	6	s	29·69	−·26	29	27	−6	NW	6	b	*	39	?29	*	*	0·39
	Stockholm	29·58	35	NNW	4	r	29·66	−·01	32	30	−9	NW	6	o	*	43	?32	*	*	0·47
	Wisby...	29·53	44	W	6	r	29·62	+·11	37	35	−10	WNW	8	r	*	47	?37	*	*	0·24
	Karlstad	29·79	37	N	6	o	29·93	+·21	30	28	−11	NW	4	b	*	*	*	*	*	0·39
	Færder (X'iania Fjord)	29·82	41	N	7	c	?30·04	+·32	36	31	−7	NNW	4	b	2	45	36	*	*	—
	Bodö	29·85	34	W	4	o	29·77	−·10	33	31	−1	W	4	c	2	36	28	*	*	—
	Christiansund ...	30·08	44	SW	4	bc	30·09	+·01	35	32	0	NNW	6	o	5	37	32	*	*	0·20
	Skudesnaes ...	29·96	40	N	6	b	30·19	+·43	38	35	−3	N	6	o	2	45	36	b	*	—
BRITISH ISLANDS.	Sumburgh Head	30·25	37	N	4	o	30·34	+·21	40	37	+4	W	3	o	4	40	34	o	*	—
	Stornoway	30·35	40	NE	3	o	30·43	+·19	35	34	−5	Z	0	b	0	41	30	o	0·1	0·01
	Malin Head ...	30·19	44	ENE	5	bc	?30·45	+·42	40	37	−7	SSW	1	c	3	48	39	b, bc	*	—
	Blacksod Pt. ...	30·20	48	NE	4	cm	30·44	+·41	40	38	−9	ENE	2	bm	3	50	38	bc, cm	*	—
	Valencia	30·13	45	NNE	5	bc	30·37	+·40	40	38	−8	ENE	2	c	3	51	38	bcq, bc	5·5	—
	Roche's Point ...	30·08	45	NNE	4	cq	30·33	+·46	43	40	−2	NNE	2	o	1	51	41	oq, cq	*	—
	Birr Castle ...	30·14	43	NE	3	o	30·39	+·43	37	36	−4	NE	1	o	*	47	35	c, o	2·1	—
	Donaghadee ...	30·01	45	NE	6	bc	30·41	+·40	43	41	−4	ENE	2	bc	3	51	41	bcq	*	—
	Liverpool Obsy...	30·08	42	NNE	4	bc	30·36	+·55	40	38	−6	NNE	2	bc	2	48	40	c, bc	*	—
	Holyhead	30·04	47	NE	7	cq	30·32	+·49	45	42	−5	ENE	4	c	3	50	42	c, cq	*	—
	Pembroke (St. Ann's Hd.)	29·96	44	NE	6	bc	30·27	+·57	43	39	−6	NE	4	bc	3	50	40	cq, bc	1·6	—
	Scilly (St. Mary's) ...	29·79	52	NE	7	o	30·47	+·55	50	46	−2	ENE	5	o	4	54	48	o	0·0	—
	Jersey (St. Aubins) ...	29·68	51	E	3	ogm	30·09	+·68	51	48	−1	NNE	4	ogm	3	54	49	otm, ogm	0·0	0·05
	Portland Bill ...	29·76	48	NE	9	oq	30·10	+·64	44	42	−8	NE	7	b	*	54	44	oq	*	—
	Dungeness	29·74	51	NNE	4	o	30·05	+·55	50	48	−2	NNE	6	o	5	54	48	r, o	0·0	0·14
	Wick	30·28	38	N	4	c	30·40	+·27	30	29	−10	NW	1	b	2	43	28	—	*	—
	Nairn	30·29	40	ENE	4	o	30·43	+·29	36	35	−4	WSW	1	c	2	42	36	—	0·0	—
	Aberdeen	30·23	40	NNW	3	o	30·43	+·35	37	36	−3	NW	1	bc	3	42	37	cqp, o, c	0·2	0·01
	Leith	30·19	42	NE	4	b	30·40	+·35	42	39	−1	NE	4	c	*	44	41	—	*	—
	North Shields ...	30·01	42	NE	6	op	30·34	+·46	43	41	−5	NNE	4	o	7	48	40	cp, op	*	0·04
	Spurn Head ..	29·89	46	NNE	7	oq	30·24	+·60	46	41	−3	NNE	5	oq	6	49	45	oqp	*	0·02
	Yarmouth	29·77	49	NNE	6	r	30·11	+·56	48	45	−4	NNE	7	bc	5	?52	47	r	*	0·19
	Clacton-on-Sea ...	29·80	48	NNW	2	r	30·13	+·57	47	45	−8	N	4	bc	3	52	46	cqor, bc	0·0	0·09
	Nottingham ...	29·96	43	NNE	3	c	30·26	+·58	43	42	−4	NNE	2	c	*	49	41	c	0·0	0·05
	Bath	29·90	45	NE	5	o	30·23	+·62	44	40	−6	NE	4	bc	*	50	41	—	0·0	0·05
	Oxford	29·97	44	ENE	4	o	30·24	+·65	43	41	−6	N	3	o	*	50	41	orq, o	*	0·05
	London (St. James' Park)	29·82	48	NE	5	oqp	30·15	+·61	47	44	−4	NNE	4	bc	*	54	46	odpq	0·0	0·02
GERMANY, &c.	The Scaw (Skagen)	29·79	43	NE	5	o	30·01	+·38	39	33	−7	NNE	5	b	1	46	37	*	*	0·04
	Fanö	29·86	42	N	2	b	30·07	+·51	35	34	−11	N	2	bc	*	46	34	*	*	0·20
	Cuxhaven	29·65	49	S	2	o	30·01	+·42	41	39	−4	NNE	4	b	*	49	39	*	*	—
	The Helder ...	29·75	50	NNE	2	r	30·06	+·47	50	47	+4	NE	1	o	1	52	46	*	*	0·16
	Brussels	*	*	*	*	*	29·98	+·37	45	44	−3	NE	4	o	*	54	45	*	*	0·87
	Berlin	29·76	46	S	1	b	29·86	+·16	44	41	+3	NNW	4	c	*	59	41	*	*	—
	Frankfurt	29·78	44	S	1	b	29·83	+·06	43	41	+1	N	3	c	*	57	41	*	*	—
	Munich	29·78	42	NE	3	bc	29·69	−·22	42	42	+5	NW	4	r	*	52	37	*	*	—
FRANCE.	C. Gris Nez ...	29·72	50	NE	6	r	29·99	+·48	50	47	0	ENE	5	c	5	55	48	*	*	1·14
	Brest	29·57	52	NNE	4	o	30·00	+·61	51	49	0	NE	5	m	4	54	48	*	*	0·04
	Lorient	29·52	52	SE	5	o	30·00	+·55	52	50	0	NE	4	o	2	54	48	*	*	0·04
	Rochefort	29·55	51	SSE	5	r	29·90	+·33	49	48	−4	ENE	3	c	*	57	48		*	0·16
	Biarritz	29·64	56	S	3	o	29·75	+·06	51	51	+2	SE	3	r	2	59	49	*	*	0·24
	Paris	29·74	50	SSE	1	o	29·92	+·31	47	46	−2	NNE	2	o	*	56	39	*	*	—
	Belfort...	29·69	49	E	3	o	29·83	+·03	40	38	+1	W	2	m	*	54	39	*	*	—
	Lyons	29·70	46	E	2	r	29·82	+·05	47	43	+5	NW	2	o	*	51	45	*	*	0·45
	Nice	29·54	46	ESE	3	r	29·61	−·17	46	43	−3	Z	0	b	6	54	45	*	*	1·46
	Perpignan	29·67	52	Z	0	b	29·82	+·15	43	41	−3	SW	1	o	*	61	41	*	*	—
SPAN. PEN.	Corunna																	*	*	
	Lisbon	30·00	54	SW	3	b	30·05	+·10	55	52	0	WSW	2	m	*	59	52	*	*	0·04
	Azores (P. Delgada)...																	*	*	
	,, (Horta) ...	30·17	62	SE	4	o	30·16	+·04	58	51	+1	SSE	1	bc	2	64	55	*	*	—

NOTES:—(a) *At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + ·03 in., but for Sumburgh Head + ·04 in.; for stations South of Malin Head and North Shields + ·02 in., but for Scilly and Jersey + ·01 in.*

(b) *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

11·41

* *Observations for this column not generally received.*

† *Observations received too late for insertion in Charts on next page.*

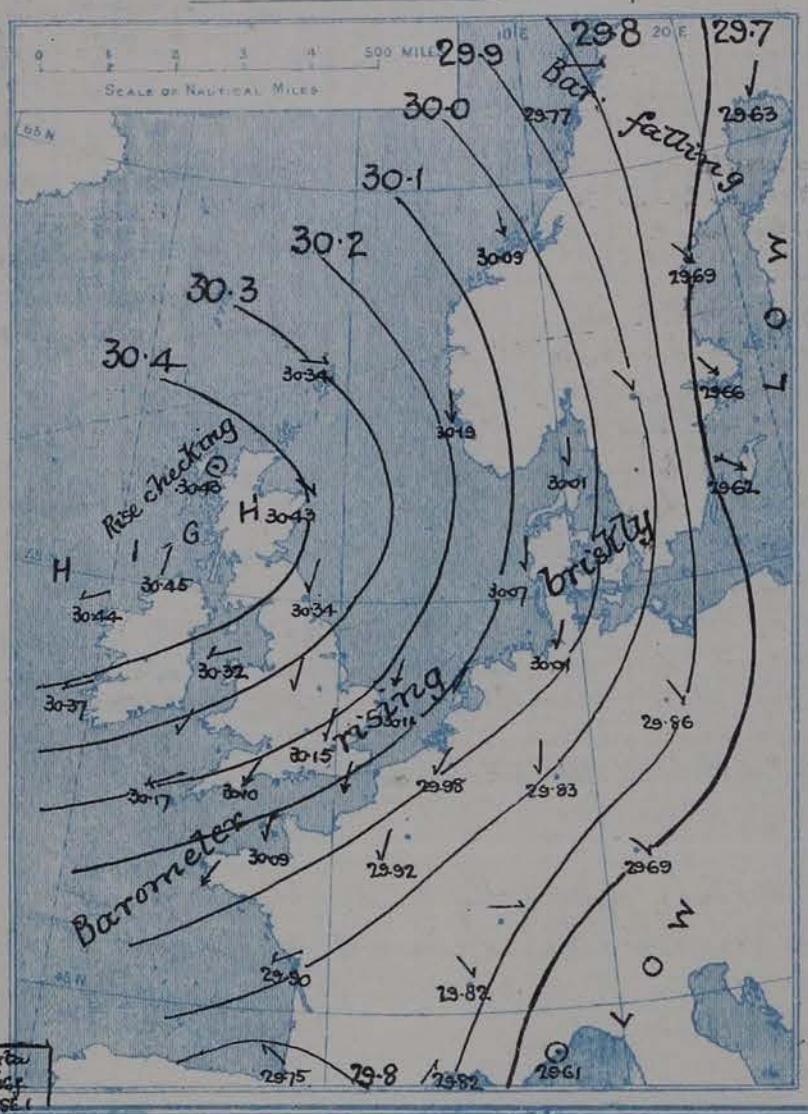
WEATHER CHARTS

FOR SATURDAY, 10th NOVEMBER, 1906.

I. BAROMETER, WIND AND SEA. *This Morning.*

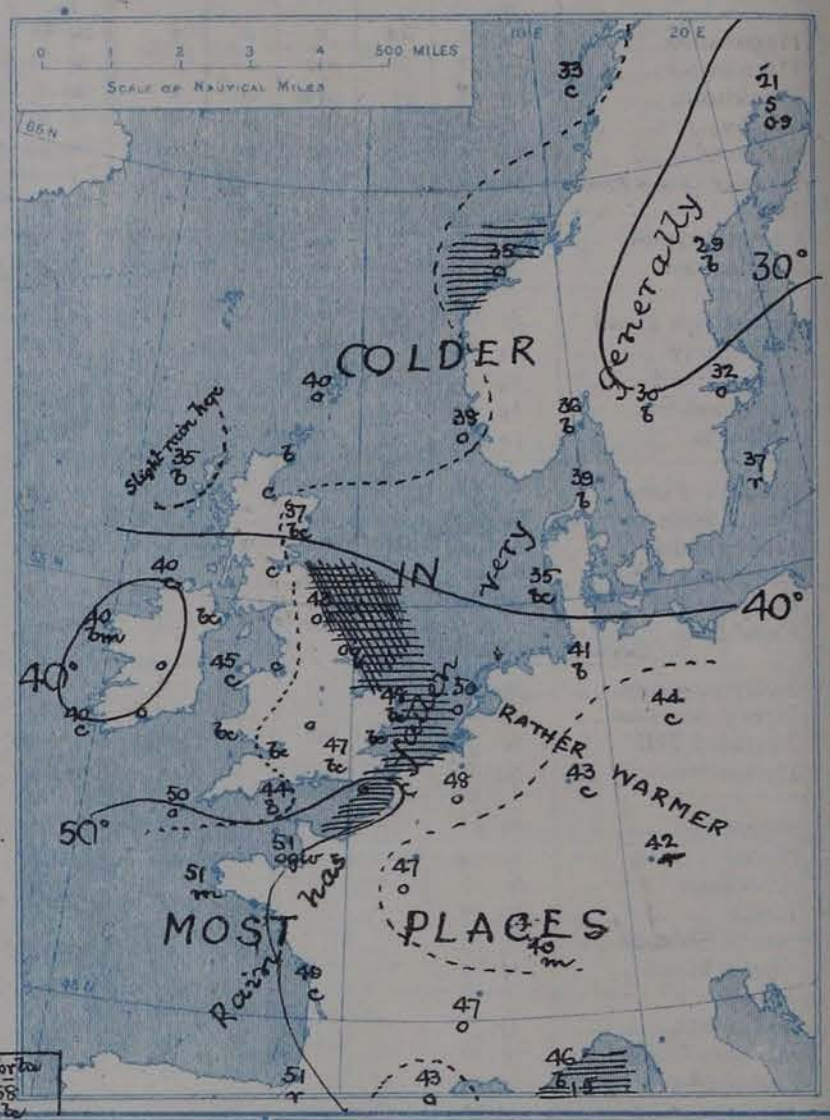
BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 ⟶⟶ : *Force 5 to 7* ⟶ : } Calm ⊙
Force 8 to 10 ⟶ : *Force 1 to 4* ⟶ : }
SEA.—Rough *High*



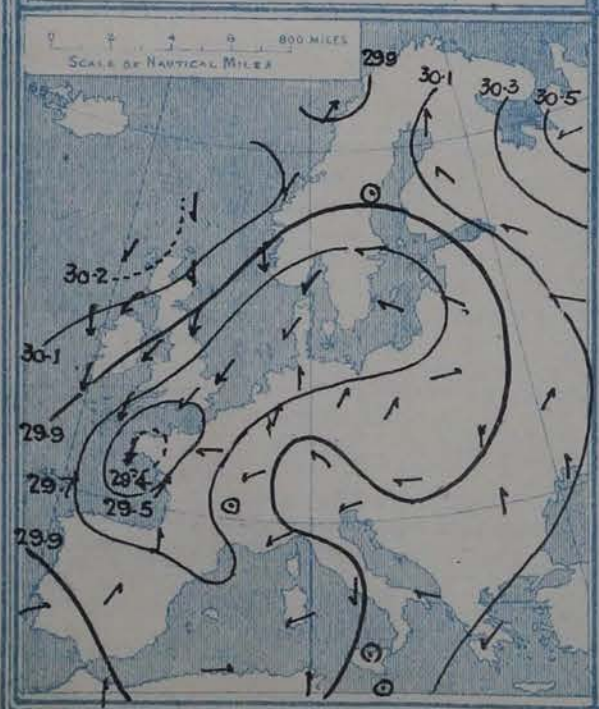
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6



III. BAROMETER AND WIND

Yesterday morning.

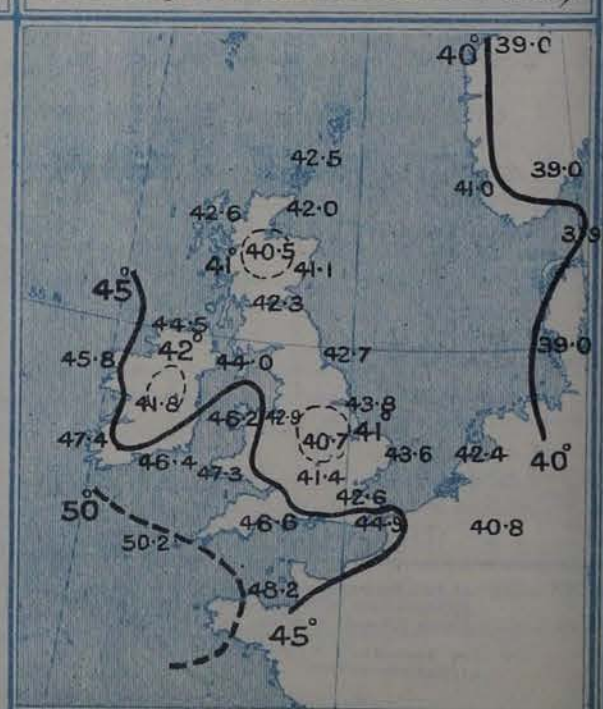


IV. BRIGHT SUNSHINE IN 1906.

Total Duration recorded in various districts of the United Kingdom in the 44 weeks ended Saturday, 3rd Nov., with the percentage of the average duration for the corresponding period.

V. *Averages of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* NOVEMBER.

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The depression which was yesterday morning centred over the north-west of France has since been transferred southward to the Peninsula; the barometer has risen briskly over nearly the whole of the region under observation, and the central space of a large system of high pressure now covers our northern and north-western districts, where the mercury stands above 30·4 ins. The barometer is below 29·7 ins. at all our most eastern stations, from Nice to Haparanda. The gradients are moderate to slight.

WIND

A regular anticyclonic wind circulation is shown; Westerly in the north of Scotland, North-Westerly and Northerly beyond the North Sea, and North-Easterly over England, Ireland and France. The force is generally very light to moderate, but a strong or high wind is reported on the English Channel, our south-eastern coasts, and in Scandinavia, a fresh gale at Wisby.

TEMPERATURE

Temperature has risen over the inland parts of Germany, and in the Shetlands, fallen nearly everywhere else. At the home stations the readings range from 30° at Wick, 35° at Stornoway, and 36° at Nairn, to 50° at Dungeness and Scilly, and 51° at Jersey; over Scandinavia from 21° at Haparanda, and 29° at Hernösand, to 38° at Skudesnaes; and over Western Europe from 40° at Belfort, 42° at Munich and 43° at Frankfort, to 51° at Biarritz and Brest, 52° at Lorient, and 55° at Lisbon.

WEATHER AND SEA

Fair to very fine weather prevails over the greater part of our area, but rain is falling at Biarritz, Munich, and Wisby, and snow at Haparanda.
A high to rather rough sea is running on the east and south-east coasts of England, off the Riviera and off Christiansund, moderate to very smooth on other coasts.

Temperature rose yesterday to 50° and upwards at nearly all stations in England and Ireland, to 55° at Margate; in Scotland most of the maxima were below 45°, at Lerwick Head only 40°. A frost was experienced in the night at Wick and Stornoway. Slight showers fell locally in these Islands, but heavy rain in various Continental districts, 0·9 in. at Haparanda and Brussels, 1·1 in. at Gris Nez, and 1·5 in. at Nice. At most of the home stations there was little or no bright sunshine, but Valencia registered 5·5 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone is moving gradually southward or south-eastward, so that the North-Easterly current in the south will diminish greatly in strength, while over our northern districts a Westerly current will become general in the course of the ensuing twenty-four hours.

FORECASTS*

For the 24 hours ending at NOON on 11th November, 1906.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	Light W.ly breezes, freshening later; fine at first, becoming less settled; moderate temperature.	6 SCOTLAND WEST	Same as Nos. 0 and 1.
		7 ENGLAND N.W.	Same as No. 2.
2 ENGLAND N.E.	Moderate to light N.E.ly and variable breezes; generally, fair or fine; moderate temperature	8 ENGLAND S.W	Same as Nos. 3 to 5.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	Moderating N.E.ly breezes; generally fair or fine; moderate temperature.	9 IRELAND NORTH 10 IRELAND SOUTH	Light N.E.ly to E.ly and variable breezes; generally fair or fine; misty locally; moderate temperature.
		WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

DAILY WEATHER REPORT. 10TH NOVEMBER, 1906

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F Max.	Temperature F Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Blackpool, to 9 p.m. ...	50	40	c, o, c	3·9	-	Eastbourne, to 6 p.m. ...	53	49	*	0·2	0·20
Southport, to 9 p.m.... ...	50	41	or, c, o, c	3·7	0·02	Bexhill-on-Sea, to 9 p.m.	53	50	b, r, g	0·2	0·59
Rhyl, to 6 p.m.	52	45	o, r, o	0·2	0·13	Hastings	*	*	*	0·0	*
Llandudno, to 9 p.m. ...	52	45	bc pq	0·0	0·05	Folkestone, to 6 p.m. ...	53	49	r, o, d	0·0	0·51
Bettws-y-Coed, to 6 p.m.	50	42	c	0·0	0·32	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m.	50	44	p, c	2·5	0·01	Margate, to 6 p.m. ...	55	50	r, c, r	0·0	0·40
Aberystwyth, to 6 p.m. ...	51	47	o, c	0·5	–	Lowestoft, to 6 p.m. ...	48	53	or, r	0·0	0·29
Plymouth, to 9 p.m. ...	53	46	or, oq	0·2	0·09	Skegness	49	47	r, o	0·0	0·12
Torquay, to 6 p.m.	52	49	*	0·0	0·46	Scarborough, to 6 p.m. ...	50	43	*	0·0	0·50
Bournemouth, to 6 p.m. ...	53	50	*	0·3	0·24	Harrogate, to 6 p.m. ...					
Bognor, ...	*	*	?	0·0	*	Darwen, to 9 p.m.					
Worthing	51	48	op, r	0·0	0·47	Manchester, to 9 p.m. ...	50	42	bc	0·3	–
Brighton	51	?	*	0·0	0·23	Birmingham, to 9 p.m. ...	49	40	o, c	0·0	0·04

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS 9th Nov., 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins
St. Petersburg	34	28	s, o	–	Algiers ... 9th Nov., 1906.	70	59	o, r	0·01
Utrecht...	50	46	o, o	0·20	Tunis	79	59	f, f	–
Groningen	50	43	r, o	0·43	Madeira (Funchal)	not	rec^d.		
Vienna	63	50	b, c	–		1 p.m.		1 p.m.	Measured 7 a.m.
Florence	62	51	o, r	0·24	Geneva ... 8th Nov., 1906.	54	*	bc	0·32
Rome	70	52	bc, o	–	Berne	48	*	bc	0·24
Naples	71	59	c, o	0·08	Coire	52	*	o	1·65
Palermo	73	55	c, o	–	Castasegna...	48	*	o	3·82
Brindisi	72	59	o, o	–	Lugano	57	*	o	3·47
Malta	78	64	m	–	Davos...	45	*	o	1·38

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (,, ,,)	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

10th Nov., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7·6	11·37	4·8
Greenwich	7·11	11·44	4·17
Wick	7·51	11·56	4·1
Valencia	7·53	12·25	4·57

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FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (*Director*).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Sunday, **Meteorological Office, London.** 11TH NOVEMBER, 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max.	Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	29.64	13	N	2	b	29.56	-.07	12	7	-9	NW	2	bc	*	28	12	*	*	0.08
	Hernösand	29.80	30	Z	0	b	29.62	-.07	26	26	-3	Z	0	b	*	32	26	*	*	–
	Stockholm	29.84	31	NW	8	b	29.76	+.10	30	?28	-2	WSW	2	o	*	36	30	*	*	–
	Wisby...	29.85	38	NNW	8	bc	29.84	+.22	38	34	+1	NW	6	b	*	43	32	*	*	–
	Karlstad	30.07	32	NW	4	b	29.80	-.13	40	36	+10	WNW	4	bc	*	*	*	*	*	–
	Færder (X'iania Fjord)	30.13	38	W	2	b	29.87	-.19	45	42	+9	WSW	8	c	4	?	36	*	*	–
	Bodö	29.63	37	WSW	4	c	29.54	-.23	36	34	+3	W	2	o	1	37	30	*	*	–
	Christiansund ...	29.91	36	WSW	4	r	29.72	-.27	42	40	+7	WSW	8	r	6	43	34	*	*	1.10
	Skudesnaes ...	30.23	45	NW	8	o	30.12	-.07	46	44	+8	WNW	8	o	4	46	36	o	*	0.28
BRITISH ISLANDS.	Sumburgh Head	30.21	43	W	4	o	30.15	-.19	47	45	+7	W	4	c	5	47	39	o	*	0.07
	Stornoway	30.38	43	SW	3	o	30.36	-.07	43	43	+8	W	3	r	3	46	30	o	4.6	0.03
	Malin Head ...	30.49	42	SW	1	c	30.47	+.02	43	42	+3	S	4	og	2	44	38	c	*	–
	Blacksod Pt. ...	30.48	39	SE	1	bc	30.51	+.07	46	44	+6	SE	3	om	3	48	37	b, bc	*	–
	Valencia	30.45	45	ENE	1	c	30.51	+.14	43	41	+3	NE	1	o	3	48	40	c	1.5	–
	Roche's Point ...	30.44	46	NE	3	og	30.52	+.19	45	42	+2	NE	1	og	1	47	43	o, og	*	–
	Birr Castle ...	30.47	43	NE	2	o	30.53	+.14	40	39	+3	Z	0	o	*	45	37	o	0.0	–
	Donaghadee ...	30.48	46	ESE	2	o	30.53	+.12	41	39	-2	WSW	2	c	2	46	41	c, bcm	*	–
	Liverpool Obsy...	30.47	44	ENE	2	c	30.54	+.18	41	39	+1	S	1	o	1	45	39	om	*	–
	Holyhead	30.44	45	E	2	cm	30.51	+.19	43	41	-2	S	1	o	1	47	39	bc, cm	*	–
	Pembroke (St. Ann's Hd.)	30.35	46	NE	4	bc	30.50	+.23	39	37	-4	NE	2	c	2	48	36	bc, cm	7.8	–
	Scilly (St. Mary's) ...	30.33	49	ENE	1	c	30.45	+.28	48	45	-2	NE	2	bm	1	53	47	c	0.3	–
	Jersey (St. Aubins) ...	30.28	50	ENE	3	b	30.45	+.36	44	40	-7	ENE	2	b	2	54	42	ogp, cm	1.8	0.01
	Portland Bill ...	30.31	47	NE	5	b	30.46	+.36	44	43	0	NE	4	b	3	50	41	b	*	–
	Dungeness	30.26	50	NE	5	r	30.48	+.43	45	42	-5	E	3	bc	2	51	44	r	0.0	0.09
	Wick	30.35	38	NW	2	bc	30.29	-.11	43	41	+13	NW	2	bc	1	45	28	–	*	–
	Nairn	30.43	37	W	1	b	30.38	-.03	41	39	+5	W	1	c	1	43	32	–	6.0	–
	Aberdeen	30.44	38	SW	2	b	30.39	-.04	35	34	-2	SW	1	bc	2	44	32	bc, b	2.7	–
	Leith	30.46	42	Z	0	c	30.44	+.04	43	39	+1	WSW	2	c	*	44	39	–	*	–
	North Shields ...	30.45	44	NNW	2	o	30.47	+.13	42	41	-1	SW	2	c	5	46	39	p, o	*	–
	Spurn Head ...	30.41	46	NE	3	o	30.49	+.25	43	40	-3	NNW	4	ov	4	47	42	–	*	–
	Yarmouth	? 30.34	48	NE	6	c	30.45	+.34	43	41	-5	NE	2	bcm	3	50	42	bc, c	*	–
	Clacton-on-Sea ...	30.34	46	NNW	3	bc	30.50	+.37	43	41	-4	NNW	2	bc	2	51	42	b, bc	7.7	–
	Nottingham ...	30.42	43	N	1	c	30.53	+.27	40	39	-3	E	1	cm	*	46	40	cm, c	0.4	–
	Bath	30.43	43	E	1	b	30.53	+.30	38	37	-6	NE	1	o	*	49	31	–	5.3	–
	Oxford	30.45	43	NNE	2	bc	30.55	+.31	35	34	-8	Z	0	cf	*	49	32	–	*	–
	London (St. James' Park)	30.33	46	NE	3	bm	30.50	+.35	40	38	-7	Z	0	b	*	51	38	bc, o, bc	3.1	–
GERMANY, &c.	The Scaw (Skagen)	30.17	39	NNW	3	b	30.00	-.01	47	43	+8	WNW	7	c	2	47	37	*	*	–
	Fanö	30.33	33	Z	0	b	30.30	+.23	44	43	+9	W	6	c	*	45	32	*	*	–
	Cuxhaven	30.28	41	N	2	b	30.38	+.37	45	43	+4	NW	4	o	*	45	36	*	*	–
	The Helder ...	30.38	45	NE	1	b	30.48	+.42	49	44	-1	NNW	1	o	0	50	45	*	*	–
	Brussels	*	*	*	*	*	30.51	+.53	32	31	-13	SE	1	bc	*	50	28	*	*	–
	Berlin	30.20	37	Z	0	b	30.35	+.49	32	30	-12	NW	2	o	*	45	30	*	*	–
	Frankfurt	30.32	39	NE	3	b	30.48	+.65	32	31	-11	NE	2	bc	*	48	32	*	*	–
	Munich	30.21	40	NW	3	o	30.47	+.78	30	29	-12	NE	3	c	*	45	28	*	*	0.04
FRANCE.	C. Gris Nez ...	30.25	47	ENE	4	o	30.50	+.51	41	37	-9	E	2	b	3	50	37	*	*	–
	Brest																	*	*	
	Lorient	30.16	54	NE	4	b	30.36	+.36	43	42	-9	NE	4	o	2	55	41	*	*	–
	Rochefort	30.11	51	NE	4	o	30.30	+.40	48	47	-1	ENE	4	o	*	59	46		*	–
	Biarritz	30.04	53	ENE	1	b	30.22	+.47	47	47	-4	Z	0	b	1	55	43	*	*	–
	Paris	30.22	46	NE	4	o	30.42	+.50	33	31	-14	NE	2	b	*	49	33	*	*	0.04
	Belfort...	30.05	44	ENE	5	m	30.32	+.49	37	35	-3	ENE	7	c	*	55	36	*	*	–
	Lyons	30.01	49	NNW	2	b	30.27	+.45	42	40	-5	NNW	2	o	*	52	41	*	*	–
	Nice	29.88	50	Z	0	b	30.14	+.53	50	47	+4	Z	0	c	4	59	?45	*	*	–
	Perpignan	29.96	50	Z	0	bc	30.17	+.35	43	41	0	SW	1	b	*	61	41	*	*	–
SPAN. PEN.	Corunna																	*	*	
	Lisbon	30.12	63	NNW	1	o	30.16	+.11	53	52	-2	N	1	o	*	64	52	*	*	–
	Azores (P. Delgada)...	30.21	56	N	2	b	30.12	-.07	58	55	+1	E	4	bc	3	64	54	*	*	–
	,, (Horta) ...	30.15	63	S	5	o	30.05	-.11	63	58	+5	SSE	5	o	3	66	58	*	*	–

NOTES:—(a) *At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + ·03 in., but for Sumburgh Head + ·04 in.; for stations South of Malin Head and North Shields + ·02 in., but for Scilly and Jersey + ·01 in.*

(b) *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

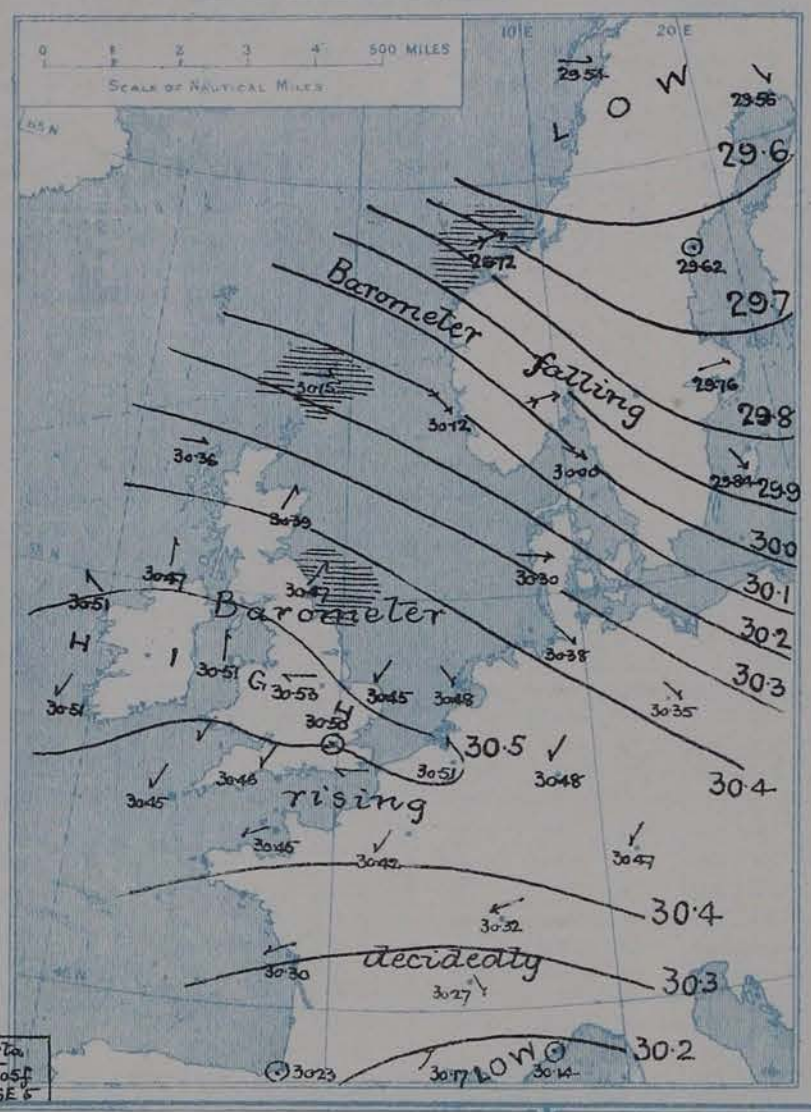
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR SUNDAY, 11TH NOVEMBER, 1906.

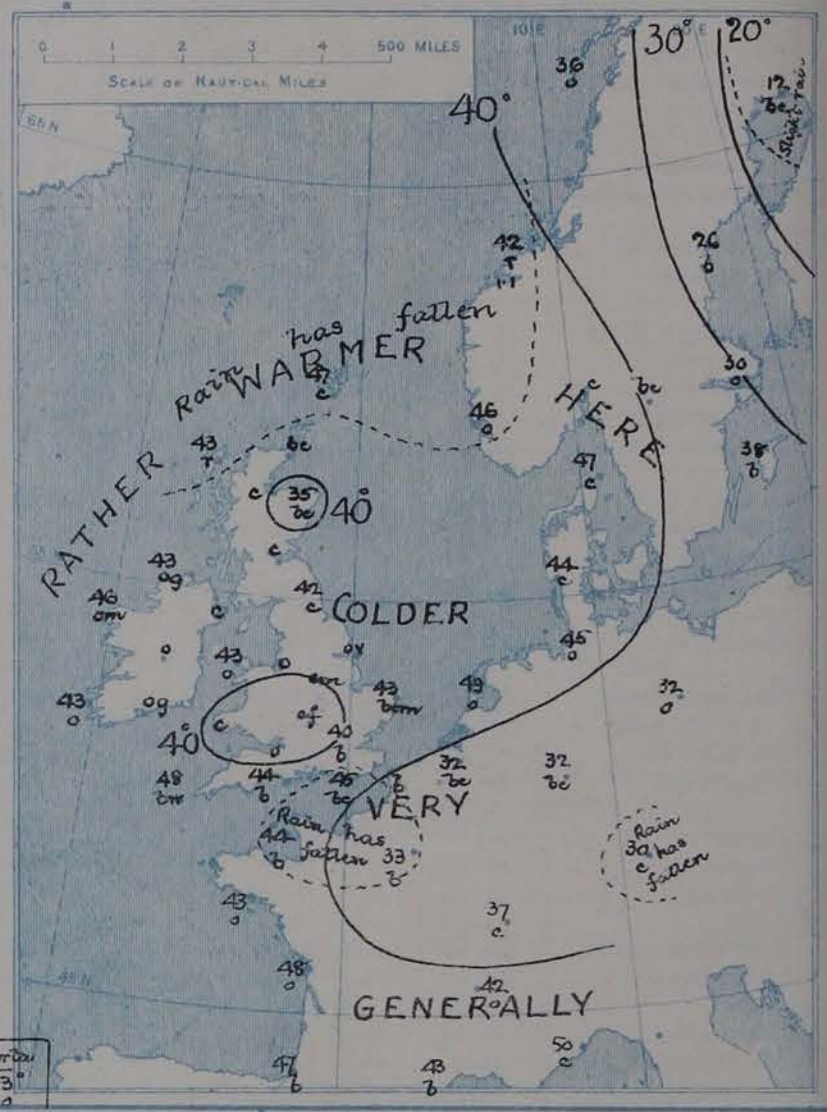
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 ⟶⟶ : *Force 5 to 7* ⟶ : } Calm ⊙
Force 8 to 10 ⟶ : *Force 1 to 4* ⟶ :
SEA.—Rough *High*



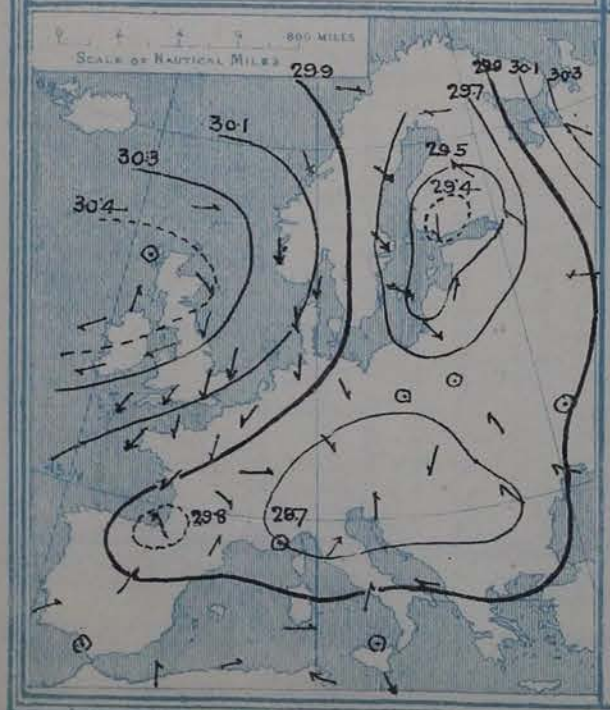
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6



III. BAROMETER AND WIND

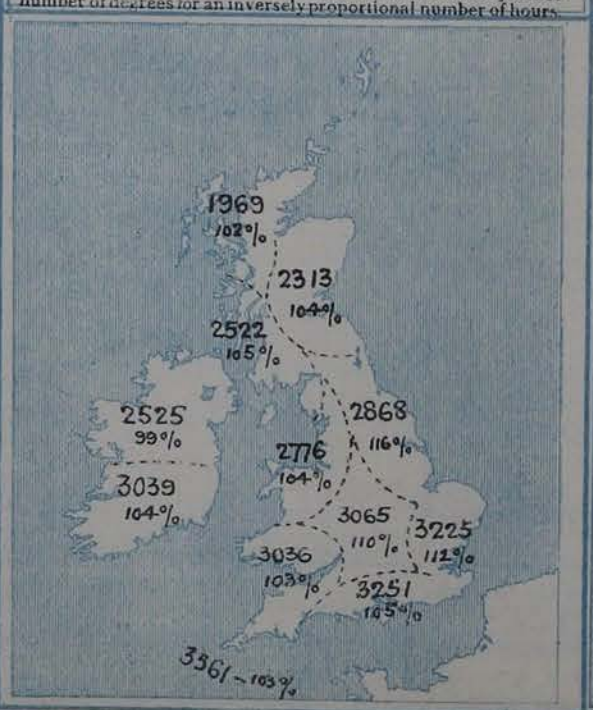
Yesterday morning.



IV. ACCUMULATED TEMPERATURE ABOVE 42°.

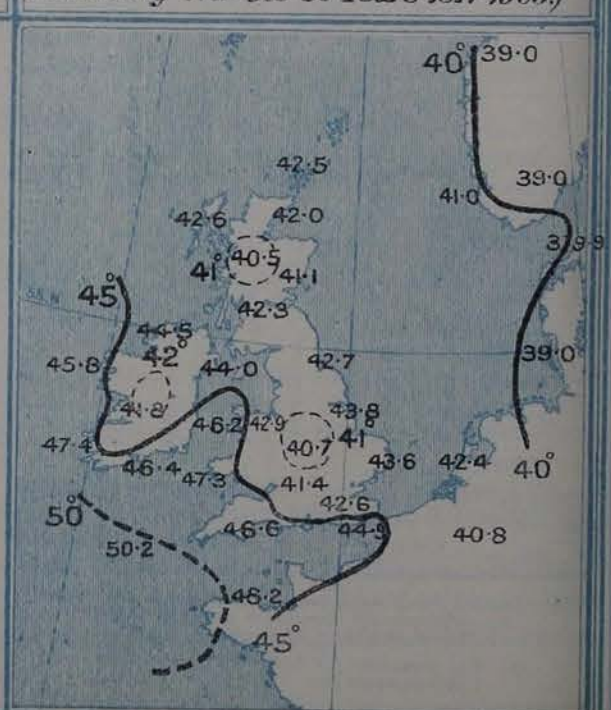
Amount recorded in various districts of the United Kingdom during the 44 weeks ended Saturday, 3RD NOV: with the percentage of the average for the corresponding period.

Accumulated values are expressed in Day-Degrees—a "Day Degree" signifying 1° continued for 24 hours, or any other number of degrees for an inversely proportional number of hours.



V. *Averages of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* NOVEMBER.

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

An anticyclone of considerable size and intensity has appeared over the United Kingdom from the northward, its central space, where the barometer is above 30·5 ins., now lying over Ireland and the greater part of England, and extending to Belgium. To the southward the readings decrease to below 30·2 ins. over the southern half of the Spanish Peninsula and on the Riviera, while to the northward they are as low as 29·6 ins. and less in a depression over the northern half of Scandinavia. The changes actually in progress are slight and generally upward except in the far north.

WIND

To the northward of the baric maximum the prevailing North-Westerly to Westerly wind is light on our own coasts, but blows very strongly in Denmark, and with gale force in Norway. The Easterly current over France is generally light or moderate.

TEMPERATURE

Temperature has risen in the extreme north of Scotland and at some Irish stations, as well as over the countries beyond the North Sea, fallen over England, Germany and France. It is below 40° in several parts of these Islands, and no higher than 35° at Aberdeen and Oxford. The highest values are 47° in the Shetlands and 48° at Scilly. Readings not far from the freezing point are reported from Germany and the greater portion of France and a reading of 12° at Haparanda.

WEATHER AND SEA

The sky is nearly cloudless in the south of England and north of France, as well as in a few other localities, but as a whole, the weather is either very cloudy or entirely overcast; rain is falling at Stornoway and Christiansund and fog prevails at Oxford. The sea is rough to the northward of the Shetlands and rather so at the mouth of the Tyne, moderate to smooth elsewhere.

The maximum temperatures reported over these Islands yesterday were below 50° generally and no higher than 45° at some northern stations. Frost occurred at night in Central England and also in various parts of Scotland. A little rain fell at some of our most northern stations and in some south-eastern and eastern localities and heavy amounts in the west of Norway. Bright sunshine was very prevalent in many places, but the duration varies greatly.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS*

For the 24 hours ending at NOON on 12th November, 1906.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NONE ISSUED.	6 SCOTLAND WEST	NONE ISSUED.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

DAILY WEATHER REPORT. 11th NOVEMBER, 1906

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Blackpool, to 9 p.m. ...	45	39	c, o	1.5	–	Eastbourne, to 6 p.m. ...	51	45	*	5.0	–
Southport, to 9 p.m.	46	39	c	2.3	–	Bexhill-on-Sea, to 9 p.m.					
Rhyl, to 6 p.m.	46	43	o, bc, o	3.2	–	Hastings	*	*	*	3.1	*
Llandudno, to 9 p.m. ...	47	44	bc	3.0	–	Folkestone, to 6 p.m. ...	50	47	r, p, o	0.0	0.24
Bettws-y-Coed, to 6 p.m.						Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m.	49	38	bc, c	6.0	–	Margate, to 6 p.m. ...	54	49	r, o	0.1	0.44
Aberystwyth, to 6 p.m. ...	48	44	c, b	6.5	–	Lowestoft, to 6 p.m. ...					
Plymouth, to 9 p.m. ...	50	43	bc, b	8.0	–	Skegness	48	46	c	0.0	–
Torquay, to 6 p.m.			*			Scarborough, to 6 p.m. ...			*		
Bournemouth, to 6 p.m. ...	51	40	*	7.5	–	Harrogate, to 6 p.m. ...					
Bognor, to 6 p.m.	*	*	b	8.1	*	Darwen, to 9 p.m.					
Worthing	51	45	c, b	7.8	0.02	Manchester, to 9 p.m. ...	46	38	c, b, om	0.8	–
Brighton			*			Birmingham, to 9 p.m. ...	46	39	o, c	1.3	–

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS 10th Nov.r 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins
St. Petersburg	34	27	s, r	0.24	Algiers 10th Nov.r 1906.	66	57	c, o	0.24
Utrecht...	52	43	r, b	0.08	Tunis	77	54	o, m	–
Groningen	50	43	r, c	0.12	Madeira (Funchal)				
Vienna	55	46	b, r	0.55		1 p.m.		1 p.m.	Measured 7 a.m.
Florence	59	53	r	1.02	Geneva 9th Nov.r 1906.	46	*	o	–
Rome	65	58	o, bc	0.28	Berne	48	*	o	–
Naples	70	59	o, bc	–	Coire	54	*	c	0.12
Palermo	76	59	b, o	–	Castasegna...	48	*	o	0.36
Brindisi	71	61	o, o	–	Lugano	50	*	o	0.12
Malta	75	66	c	–	Davos...	45	*	b	–

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (" ")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

11th Nov.r 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.8	11.37	4.6
Greenwich	7.12	11.44	4.16
Wick	7.53	11.56	3.59
Valencia	7.55	12.25	4.55

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FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (*Director*).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Monday, **Meteorological Office, London.** 12TH NOVEMBER, 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	29.66	17	N	2	0	29.76	+.20	0	0	−12	WNW	2	b	*	27	?0	*	*	—
	Hernösand	29.83	31	NE	2	b	29.95	+.33	26	26	0	NE	2	b	*	32	25	*	*	0.04
	Stockholm	29.82	37	NNW	8	bc	30.02	+.26	32	29	+2	NW	2	b	*	41	28	*	*	—
	Wisby...	29.79	45	NW	8	b	30.04	+.20	40	39	+2	NW	6	b	*	45	34	*	*	—
	Karlstad	30.01	40	NNE	4	b	30.10	+.30	34	32	−6	NW	2	c	*	*	*	*	*	—
	Færder (X'iania Fjord)	30.01	46	Z	0	b	30.08	+.21	45	41	0	WSW	2	bc	2	48	43	*	*	—
	Bodö	29.69	35	W	4	0	29.72	+.18	32	30	−4	SSW	4	0	2	36	28	*	*	—
	Christiansund ...	30.05	40	WSW	4	0	29.84	+.12	46	43	+4	WSW	8	r	6	46	37	*	*	0.47
	Skudesnaes ...	30.18	45	WNW	4	b	30.20	+.08	47	46	+1	NW	5	0	2	48	45	c, b	*	0.08
BRITISH ISLANDS.	Sumburgh Head	30.18	46	WNW	4	0	30.13	−.02	49	46	+2	W	4	0	5	49	45	b, 0	*	0.05
	Stornoway	30.34	45	W	3	r	30.31	−.05	45	44	+2	SW	3	0	3	50	41	dp, r	1.4	0.17
	Malin Head ...	30.47	43	WSW	4	og	30.42	−.05	42	41	−1	SSW	3	c	2	45	41	o, og	*	—
	Blacksod Pt. ...	30.49	47	SSE	4	om	30.46	−.05	47	44	+1	SSE	3	om	3	48	45	o, om	*	—
	Valencia	30.49	48	SE	1	omg	30.45	−.06	46	42	+3	Z	0	om	2	50	43	omg	0.0	—
	Roche's Point ...	30.51	46	NE	1	og	30.48	−.04	47	45	+2	E	3	og	2	48	44	og	*	—
	Birr Castle ...	30.53	43	Z	0	0	30.51	−.02	40	38	0	Z	0	0	*	45	37	0	0.0	—
	Donaghadee ...	30.50	41	WSW	2	bc	30.50	−.03	34	33	−7	WSW	2	b	1	46	33	bcm, cg	*	—
	Liverpool Obsy...	30.51	45	SSW	1	0	30.51	−.03	43	42	+2	E	1	m	?	46	41	0	*	—
	Holyhead	30.49	47	NW	1	om	30.48	−.03	45	44	+2	NNW	2	0	1	47	41	o, om	*	—
	Pembroke (St. Ann's Hd.)	30.49	42	NE	2	b	30.49	−.01	43	40	+4	ENE	3	og	2	49	37	bcm	7.1	—
	Scilly (St. Mary's) ...	30.44	51	E	3	0	30.43	−.02	49	46	+1	E	4	0	1	52	47	bc, 0	2.3	—
	Jersey (St. Aubins) ...	30.43	47	ENE	4	b	30.45	.00	47	41	+3	ENE	2	bm	2	51	41	bc, bm, bw	9.0	—
	Portland Bill ...	30.47	48	NE	3	bc	30.46	.00	42	39	−2	NE	4	b	3	50	39	b, bc	*	—
	Dungeness	30.46	47	ENE	2	bc	30.46	−.02	41	39	−4	N	3	c	2	51	?40	b, bc	7.3	—
	Wick	30.29	43	W	2	bc	30.27	−.02	45	43	+2	W	3	0	2	48	40	—	*	0.01
	Nairn	30.36	45	WSW	2	bc	30.35	−.03	43	42	+2	WSW	1	c	1	50	40	—	3.8	0.01
	Aberdeen	30.37	45	W	1	c	30.39	.00	43	41	+8	WSW	1	c	2	50	35	bc, cm	3.9	—
	Leith	30.42	45	WNW	1	0	30.42	−.02	46	43	+3	WSW	2	0	*	46	43	—	*	—
	North Shields ...	30.45	43	W	2	c	30.44	−.03	43	41	+1	W	2	c	3	46	40	—	*	—
	Spurn Head ..	30.46	44	W	3	0	30.46	−.03	44	42	+1	WNW	3	om	3	45	43	om	*	—
	Yarmouth	30.47	43	NW	4	c	30.45	.00	43	41	0	WNW	3	cf	3	47	41	c	*	—
	Clacton-on-Sea ...	30.50	45	N	2	c	30.49	−.01	38	36	−5	NNW	3	bc	1	50	33	bc, c, bc	7.7	—
	Nottingham ...	30.51	42	NW	1	0	30.50	−.03	42	40	+2	NW	1	cm	*	45	40	cm, 0	0.0	—
	Bath	30.52	35	E	1	b	30.53	.00	34	34	−4	N	1	m	*	49	29	—	5.5	—
	Oxford	30.54	39	NE	1	0	30.53	−.02	40	37	+5	Z	0	0	*	49	35	—	*	—
	London (St. James' Park)	30.49	44	NE	1	bcm	30.50	.00	36	36	−4	Z	0	f	*	48	33	f, bm, f	1.0	—
GERMANY, &c.	The Scaw (Skagen)	30.02	48	WNW	5	b	30.15	+.15	43	41	−4	Z	0	0	0	48	43	*	*	—
	Fanö	30.25	46	W	6	0	30.26	−.04	45	44	+1	W	2	0	*	50	43	*	*	0.04
	Cuxhaven	30.34	47	NW	4	0	30.34	−.04	47	47	+2	NW	3	od	*	48	45	*	*	0.04
	The Helder ...	30.46	48	NW	2	0	30.44	−.04	50	45	+1	NW	1	0	1	50	48	*	*	—
	Brussels	*	*	*	*	*	30.48	−.03	39	38	+7	W	1	0	*	48	31	*	*	—
	Berlin	30.29	44	WNW	5	0	30.30	−.05	44	43	−12	WNW	3	0	*	43	32	*	*	—
	Frankfurt	30.47	34	NE	2	b	30.48	.00	31	30	−1	E	1	0	*	43	30	*	*	—
	Munich	30.47	31	NE	2	b	30.52	+.05	25	25	−5	Z	0	b	*	39	25	*	*	—
FRANCE.	C. Gris Nez ...	30.50	46	ENE	1	0	30.49	−.01	43	42	+2	NNE	3	0	3	50	?41	*	*	—
	Brest	30.34	46	NE	4	b	30.34	—	41	37	—	E	5	b	4	50	36	*	*	—
	Lorient	30.35	48	NE	4	0	30.37	+.01	39	37	−4	ENE	5	b	3	54	37	*	*	—
	Rochefort	30.32	47	NE	5	0	30.33	+.03	38	37	−10	E	4	b	*	52	36	0	*	—
	Biarritz	30.26	49	Z	0	b	30.27	+.05	43	43	−4	ESE	2	c	1	54	39	*	*	—
	Paris	30.43	36	NE	2	b	30.45	+.03	30	29	−3	ENE	2	b	*	47	29	*	*	—
	Belfort...	30.38	36	ENE	5	m	30.42	+.10	27	26	−10	ENE	4	m	*	46	27	*	*	—
	Lyons ...†... ...	30.36	43	ENE	1	b	30.32	+.05	36	35	−6	N	1	0	*	51	34	*	*	—
	Nice	30.25	51	ESE	2	bc	30.26	+.12	46	43	−4	ESE	2	b	3	59	45	*	*	—
	Perpignan	30.26	47	SE	1	b	30.29	+.12	47	45	+4	SW	2	0	*	60	41	*	*	—
SPAN. PEN.	Corunna																	*	*	
	Lisbon	30.17	55	NNW	3	b	30.20	+.04	51	50	−2	NNE	2	c	*	59	50	*	*	—
	Azores (P. Delgada)...	30.01	63	SSE	5	0	29.94	−.18	64	60	+6	SE	5	0	5	64	59	*	*	—
	,, (Horta) ...	29.93	64	SSE	5	0	29.88	−.17	64	61	+1	SE	5	r	4	64	63	*	*	0.04

NOTES:—(a) *At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + ·03 in., but for Sumburgh Head + ·04 in.: for stations South of Malin Head and North Shields + ·02 in., but for Scilly and Jersey + ·01 in.*

(b) *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

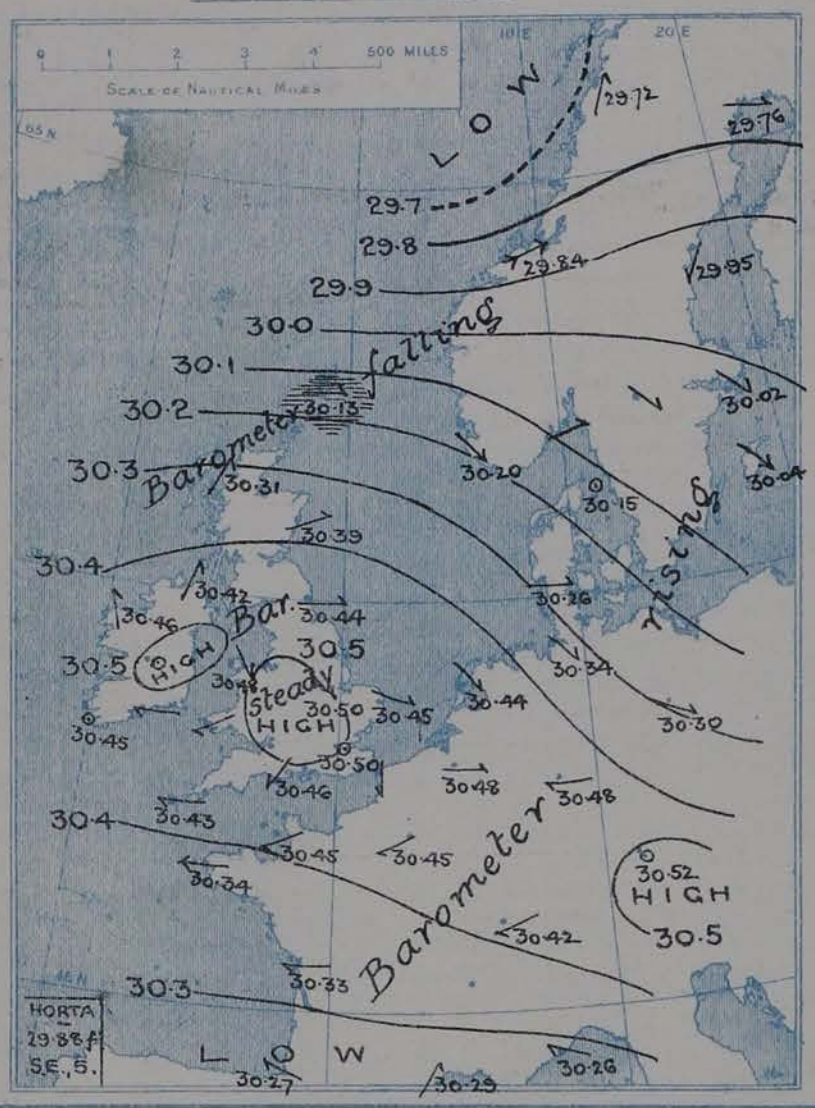
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR Monday, 12TH NOVEMBER, 1906.

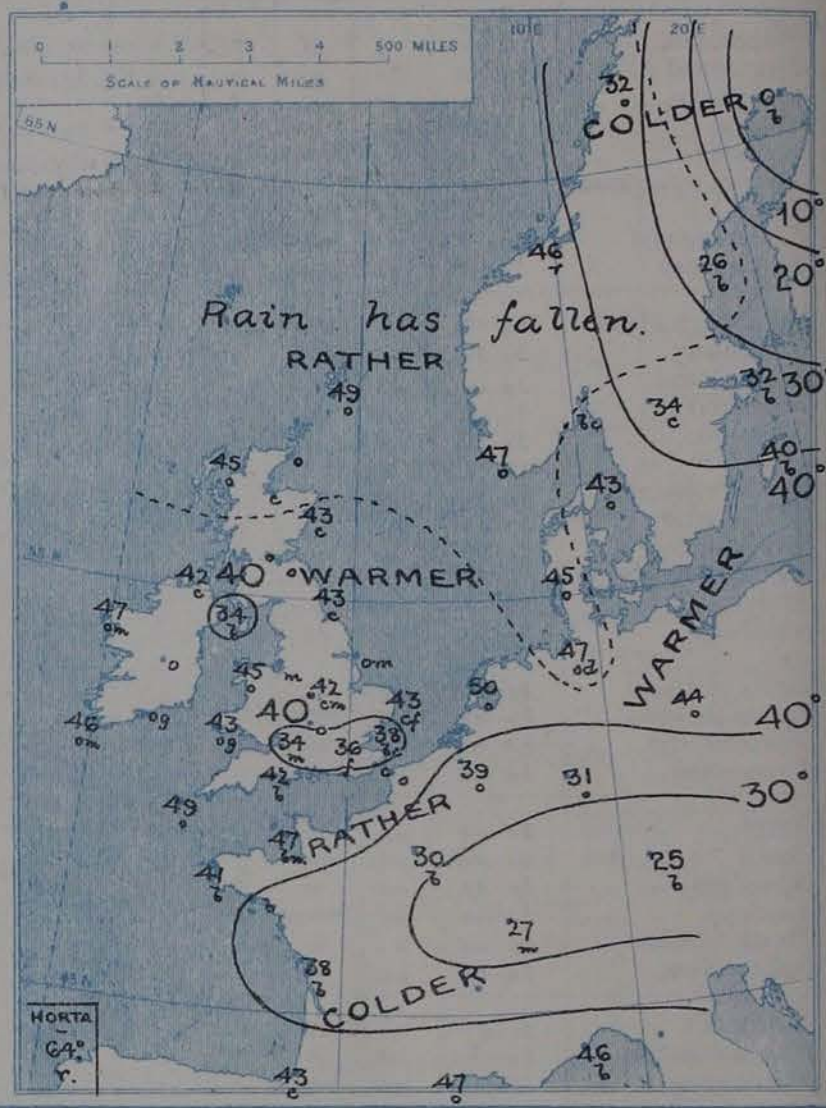
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 ⟶ : *Force 5 to 7* ⟶ : } Calm ⊙
Force 8 to 10 ⟶ : *Force 1 to 4* ⟶ : }
SEA.—Rough *High*



II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6



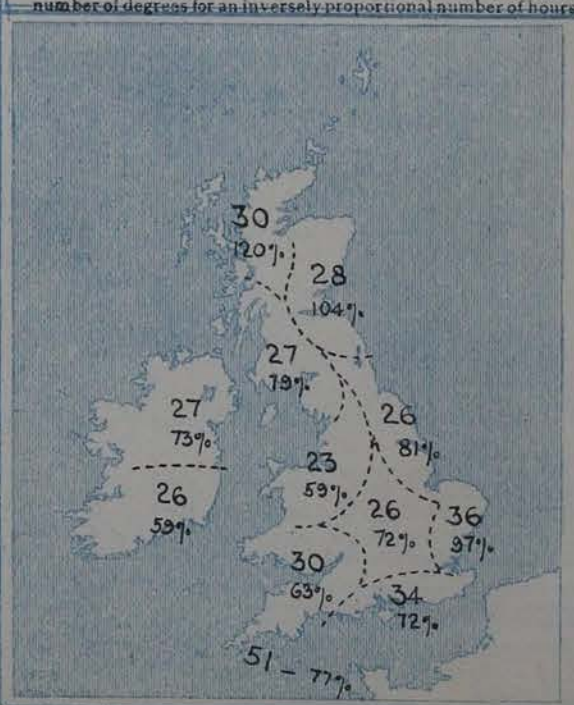
III. BAROMETER AND WIND

Yesterday morning.

IV. ACCUMULATED TEMPERATURE ABOVE 42°.

Amount recorded in various districts of the United Kingdom during the week ended Sat. 3rd Nov. *with the percentage of the average for the corresponding week.*

Accumulated values are expressed in Day-Degrees—a "Day Degree" signifying 1° continued for 24 hours, or any other number of degrees for an inversely proportional number of hours



V. *Averages of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* NOVEMBER.

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)

GENERAL SITUATION AT 8 A.M.

PRESSURE

Over the greater part of western Europe the weather remains under the influence of a large anticyclone, the highest pressures, 30·5 ins. and upwards, being found in three small areas, — one lying over the north of Ireland, another over central England, and the third over Bavaria. A depression, in which readings are apparently below 29·7 ins., has arrived off the Norwegian coasts from the upper parts of the Atlantic, and is occasioning a slight fall of the barometer in several parts of the United Kingdom. In the western European Countries the mercury is at present rising.

WIND

To the southward of the highest pressures, i.e. over France and the southern parts of these Islands the wind is light to moderate from the Eastward, but on our extreme north-west coasts it is Southerly or South-westerly, while in the eastern parts of Great Britain and the northern parts of the Continent, it is chiefly Westerly or North-Westerly. The depression off the Norwegian coasts is causing a fresh gale from the Westward at Christiansund.

TEMPERATURE

Temperature has changed rather irregularly. In our Islands the lowest readings are found in the neighbourhood of the two barometric maxima mentioned above; in London the thermometer stands at 36°, and at Bath and Donaghadee at 34°. Around our extreme south-western, western and northern coasts the readings are in many places above 45°, the highest reported being 49° at Scilly and at Sandwich Head. Sharp frost prevails over South Germany and central France, and also over the northern parts of Sweden. At Haparanda the thermometer stands at zero, Fahr.

WEATHER AND SEA

The weather is cloudy in most parts of the United Kingdom and to the eastward of the North Sea, with fog or mist at several of the English stations. In France and in Sweden the weather is fine and bright. The sea is slight or smooth generally, but rough between the Shetlands and the Norwegian coasts.

The maximum temperatures recorded over these Islands yesterday were, in many cases below 50°; at Skegness and Birmingham the thermometer did not reach 45°. On our south and south-east coasts the amount of bright sunshine was considerable, more than 7 hours being recorded in most places and as many as 9 hours in Jersey; at our northern stations the duration was much smaller. Slight rain has fallen in the north of Scotland, and larger quantities in the west of Norway. Frosts occurred over inland England at night, on the grass the thermometer in London fell to 24°.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of any material change in the weather. Over the greater part of the United Kingdom the conditions will remain anticyclonic, and in central and southern England the weather will continue cold, with fog or mist in places. In the extreme north the weather will be affected, to some extent, by large depressions passing from the upper parts of the Atlantic towards the Norwegian coasts, and producing moderate South-Westerly and Westerly winds, and cloudy, mild weather.

FORECASTS*

For the 24 hours ending at NOON on 13th November, 1906.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S.W. and W. winds, freshening; mild, dull, some rain.	6 SCOTLAND WEST	W. and S.W. winds, light; fair; mild.
1 SCOTLAND EAST	W. winds, light; fair; mild.	7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W	E. winds, light; fair generally, but foggy and frosty inland at night.
3 ENGLAND EAST	Calms and light N. airs; fair at times, but mostly foggy or misty. Frost at night.	9 IRELAND NORTH	S. and S.W. winds, moderate; cloudy, slight rain locally
4 MIDLAND COUNTIES		10 IRELAND SOUTH	E. and S.E. winds, light; cloudy, misty.
5 ENGLAND SOUTH		WARNINGS	None Issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

11·5 am

DAILY WEATHER REPORT. 12TH NOVEMBER, 1906

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Blackpool, to 9 p.m. ...	45	39	o	0.0	–	Eastbourne, to 6 p.m. ...	49	40	*	7.9	0.01
Southport, to 9 p.m.... ...	45	36	o	0.0	–	Bexhill-on-Sea, to 9 p.m.	51	45	b, c	7.3	0.02
Rhyl, to 6 p.m.	47	35	bc, o	0.3	–	Hastings	*	*	*	7.5	*
Llandudno, to 9 p.m. ...	46	38	bc	0.0	–	Folkestone, to 6 p.m. ...	50	39	b, c, bc	6.7	–
Bettws-y-Coed, to 6 p.m.	46	32	c, o	0.0	–	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m.	48	32	b	7.2	–	Margate, to 6 p.m. ...	49	43	f, o	0.0	0.03
Aberystwyth, to 6 p.m. ...	47	31	bc, o	5.5	–	Lowestoft, to 6 p.m. ...	50	41	c, o, c	1.7	–
Plymouth, to 9 p.m. ...						Skegness	44	42	c, o	0.1	–
Torquay, to 6 p.m.	50	38	*	7.2	–	Scarborough, to 6 p.m. ...	45	42	*	0.0	–
Bournemouth, to 6 p.m. ...	51	35	*	7.6	–	Harrogate, to 6 p.m. ...					
Bognor, ...	*	*	b	6.9	*	Darwen, to 9 p.m.					
Worthing	51	40	b, c	7.3	–	Manchester, to 9 p.m. ...					
Brighton	52	39	*	7.0	–	Birmingham, to 9 p.m. ...	44	35	o	0.0	–

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS 11th Nov., 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins
St. Petersburg	Observations not received.				Algiers ... 11th Nov., 1906.	Observations not received.			
Utrecht...					Tunis				
Groningen					Madeira (Funchal)				
Vienna						1 p.m.		1 p.m.	Measured 7 a.m.
Florence					Geneva ... 10th Nov., 1906. ...	54	*	b	0.28
Rome					Berne	52	*	bc	0.12
Naples					Coire	45	*	o	0.08
Palermo					Castasegna...	54	*	o	0.35
Brindisi					Lugano	54	*	bc	1.18
Malta					Davos...	34	*	o	0.20

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds: d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (,, ,,)	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

12th Nov., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.10	11.37	4.4
Greenwich	7.14	11.44	4.14
Wick	7.55	11.56	3.57
Valencia	7.57	12.25	4.53

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Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (*Director*).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Tuesday, **Meteorological Office, London.** 13TH NOVEMBER, 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	29.72	4	Z	0	0	29.97	+.21	-5	-5	-5	NW	2	b	*	18	?	*	*	—
	Hernösand	29.59	35	Z	0	0	30.09	+.14	27	24	+1	W	2	b	*	36	25	*	*	—
	Stockholm	29.81	39	W	2	b	30.02	.00	35	32	+3	N	4	o	*	39	30	*	*	—
	Wisby...	29.91	44	NW	6	b	29.96	-.08	43	41	+3	N	8	b	*	45	37	*	*	—
	Karlstad	29.93	43	Z	0	0	30.15	+.05	40	37	+6	N	2	bc	*	*	*	*	*	—
	Færder (X'iania Fjord)	29.98	48	WNW	2	c	30.13	+.05	47	45	+2	NW	1	b	2	48	45	*	*	—
	Bodö	29.76	30	S	2	0	29.97	+.25	36	34	+4	SW	2	c	2	?36	28	*	*	—
	Christiansund ...	29.98	45	WSW	6	r	30.16	+.32	47	46	+1	W	5	o	6	48	43	*	*	0.51
	Skudesnaes ...	30.22	50	NW	4	0	30.30	+.10	48	47	+1	NNW	4	o	2	50	45	0	*	—
BRITISH ISLANDS.	Sumburgh Head	30.19	46	W	4	0	30.24	+.11	48	46	-1	W	3	o	3	50	47	o	*	0.01
	Stornoway	30.32	47	SW	1	0	30.24	-.07	47	46	+2	SW	4	o	4	49	45	0	0.0	0.03
	Malin Head ...	30.40	41	S	2	b	30.35	-.07	43	42	+1	SW	3	cg	3	51	38	b	*	—
	Blacksod Pt. ...	30.42	46	SSE	3	cm	30.36	-.10	49	45	+2	SSE	3	om	3	50	44	cm	*	—
	Valencia	30.43	48	SE	1	0	30.38	-.07	48	45	+2	ESE	2	om	3	52	44	om,o	0.4	—
	Roche's Point ...	30.45	49	ESE	3	og	30.44	-.04	48	45	+1	SE	2	ogm	3	50	47	o,og	*	—
	Birr Castle ...	30.45	46	ENE	2	0	30.45	-.06	43	41	+3	E	2	o	*	47	40	o	0.0	—
	Donaghadee ...	30.48	38	SW	2	b	30.46	-.04	37	36	+3	SW	3	b	1	49	32	bcm,bm	*	—
	Liverpool Obsy...	30.49	42	Z	0	0	30.51	.00	40	37	-3	SE	1	o	?	45	35	of	*	—
	Holyhead	30.48	45	Z	0	om	30.46	-.02	46	43	+1	S	1	m	0	47	43	o,om	*	—
	Pembroke (St. Ann's Hd.)	30.48	43	NE	2	0	30.46	-.03	39	38	-4	NE	2	ogm	2	45	38	ogm	0.0	—
	Scilly (St. Mary's) ...	30.42	49	E	3	0	30.43	.00	47	45	-2	ENE	3	om	1	52	47	c,o	0.0	—
	Jersey (St. Aubins) ...	30.41	47	E	5	bm	30.44	-.01	43	40	-4	?W	2	om	2	51	41	cm,b,of	8.3	—
	Portland Bill ...	30.44	43	NE	3	bm	30.44	-.02	40	38	-2	NE	3	c	2	45	39	b,bm	*	—
	Dungeness	30.43	45	NW	2	bc	30.45	-.01	44	42	+3	WNW	2	o	1	47	40	c,bc	2.5	—
	Wick	30.30	45	W	3	c	30.29	+.02	46	43	+1	W	2	c	1	49	43	—	*	—
	Nairn	30.37	47	W	1	0	30.37	+.02	43	40	0	SW	1	o	1	50	40	—	0.7	0.07
	Aberdeen	30.39	46	SW	1	c	30.40	+.01	40	38	-3	WSW	2	b	2	51	40	bc,o,b	3.2	—
	Leith	30.42	47	WSW	2	0	30.40	-.02	44	40	-2	WSW	1	cm	*	47	43	—	*	—
	North Shields ...	30.45	44	WNW	2	c	30.46	+.02	42	40	-1	WSW	1	c	2	47	40	c	*	—
	Spurn Head ..	30.44	46	WNW	3	0	30.45	-.01	44	43	0	WNW	2	om	3	47	43	og	*	—
	Yarmouth	30.42	45	NW	3	c	30.45	.00	46	44	+3	N	2	cf	3	47	43	c	*	—
	Clacton-on-Sea ...	30.47	43	NW	2	bc	30.48	-.01	42	41	+4	Z	0	m	0	46	37	bc,cm	0.6	—
	Nottingham ...	30.48	44	NW	1	cm	30.49	-.01	38	37	-4	WSW	1	f	*	46	37	cm	0.0	—
	Bath	30.50	35	NE	1	b	30.50	-.03	30	30	-4	W	1	m	*	44	25	—	0.4	—
	Oxford	30.51	34	NNE	1	b	30.50	-.03	36	35	-4	Z	0	o	*	46	29	om,bc,f	*	—
	London (St. James' Park)	30.46	45	Z	0	0	30.43	-.07	41	40	+5	Z	0	cm	*	47	34	cm,b,f	0.1	—
GERMANY, &c.	The Scaw (Skagen)	30.06	48	WNW	4	b	30.14	-.01	47	45	+4	NNW	4	b	1	48	43	*	*	—
	Fanö	30.30	46	NW	6	b	30.30	+.04	46	44	+1	NW	4	bc	*	50	45	*	*	—
	Cuxhaven	30.35	46	NW	1	b	30.35	+.01	48	47	+1	NNW	2	o	*	48	45	d,b	*	0.04
	The Helder ...	30.43	49	NW	1	0	30.45	+.01	51	46	+1	NW	1	o	0	51	46	*	*	—
	Brussels	*	*	*	*	*	30.47	-.01	40	39	+1	Z	0	f	*	42	39	*	*	—
	Berlin	30.30	46	W	1	0	30.28	-.02	45	44	+1	WNW	3	c	*	48	43	*	*	—
	Frankfurt	30.43	38	SE	2	0	30.44	-.04	38	37	+7	SE	1	f	*	39	28	*	*	—
	Munich	30.45	32	SE	2	c	30.47	-.05	27	27	+2	SSE	1	b	*	39	25	*	*	—
FRANCE.	C. Gris Nez ...	30.46	47	N	1	0	30.48	-.01	45	41	+2	ESE	1	o	2	48	43	*	*	—
	Brest	30.32	45	E	4	b	30.37	+.03	37	36	-4	ENE	4	b	2	50	36	*	*	—
	Lorient	30.32	48	ENE	4	b	30.38	+.01	40	39	+1	ENE	4	b	2	52	39	*	*	—
	Rochefort	30.32	47	ENE	2	b	30.32	-.01	36	?	-2	ENE	2	b	*	55	30	b	*	—
	Biarritz	30.23	47	E	2	c	30.27	.00	44	44	+1	Z	0	f	0	54	41	*	*	—
	Paris	30.43	37	ENE	1	b	30.43	-.02	35	34	+5	NE	2	b	*	48	?30	*	*	—
	Belfort...	30.36	35	E	3	m	30.39	-.03	27	27	0	E	5	f	*	42	26	*	*	—
	Lyons														*			*	*	
	Nice	30.19	53	Z	0	bc	30.16	-.10	45	44	-1	Z	0	bc	2	61	45	*	*	—
	Perpignan	30.26	50	NW	1	b	30.23	-.06	42	41	-5	SW	1	b	*	59	40	*	*	—
SPAN. PEN.	Corunna																	*	*	
	Lisbon	30.21	56	NNW	3	b	30.24	+.04	50	49	-1	NNE	4	b	*	61	46	*	*	—
	Azores (P. Delgada)...																	*	*	
	,, (Horta) ...	29.97	60	NNE	4	r	30.04	+.16	64	60	0	NE	4	bc	3	66	59	*	*	0.22

NOTES:—(a) *At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + ·03 in., but for Sumburgh Head + ·04 in.; for stations South of Malin Head and North Shields + ·02 in., but for Scilly and Jersey + ·01 in.*

(b) *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

† *Observations received too late for insertion in Charts on next page.*

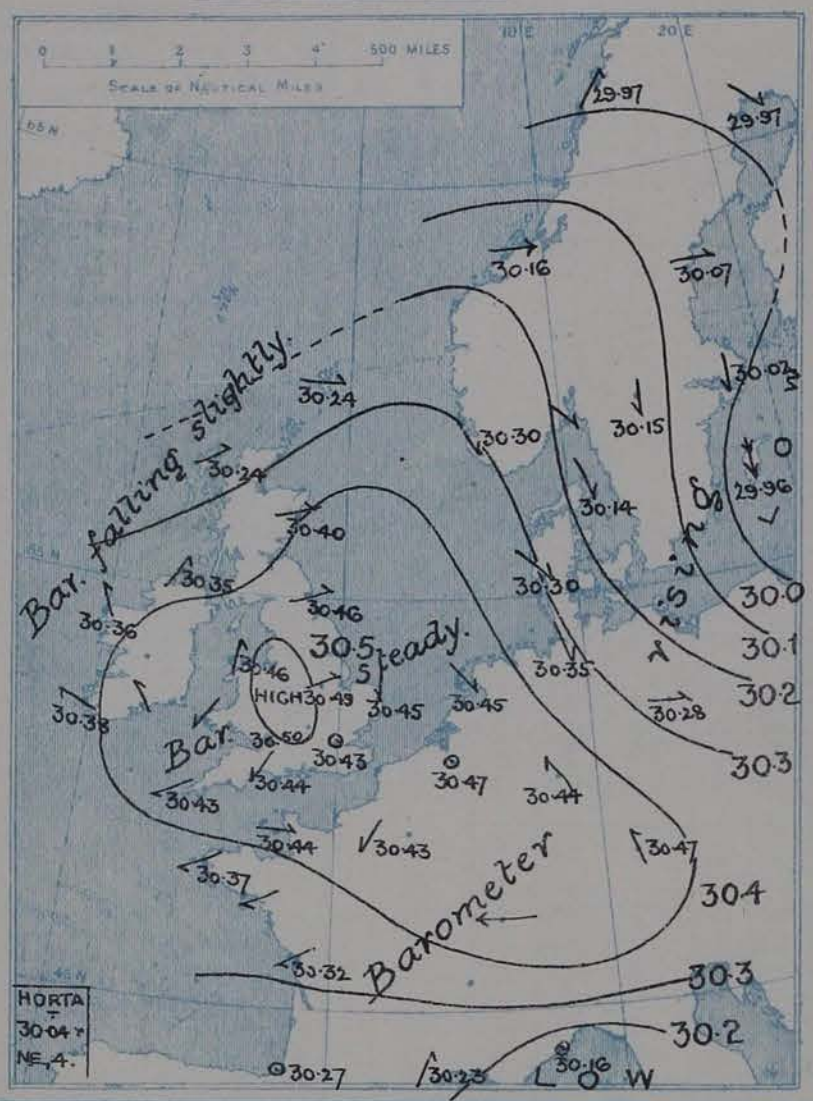
WEATHER CHARTS

FOR Tuesday, 13th NOVEMBER, 1906.

I. BAROMETER, WIND AND SEA. *This Morning.*

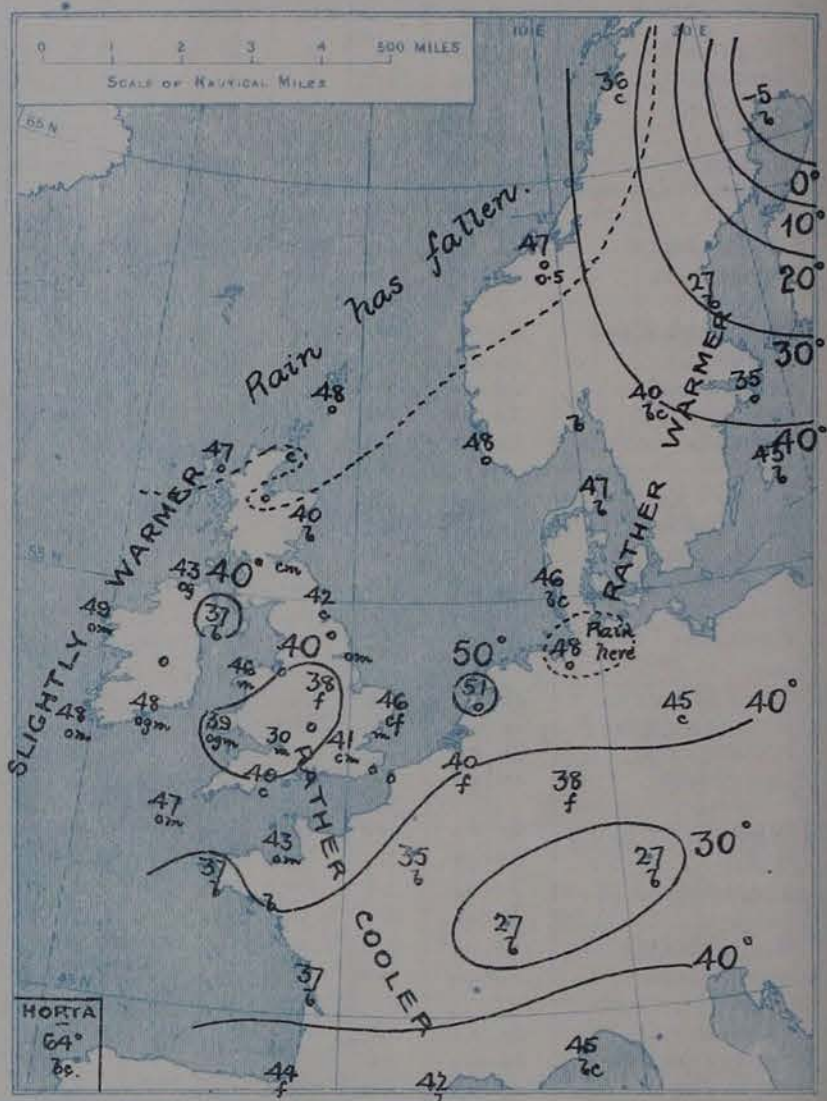
BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 — *Force 5 to 7* — } Calm ⊙
Force 8 to 10 — *Force 1 to 4* —
SEA.—Rough *High*



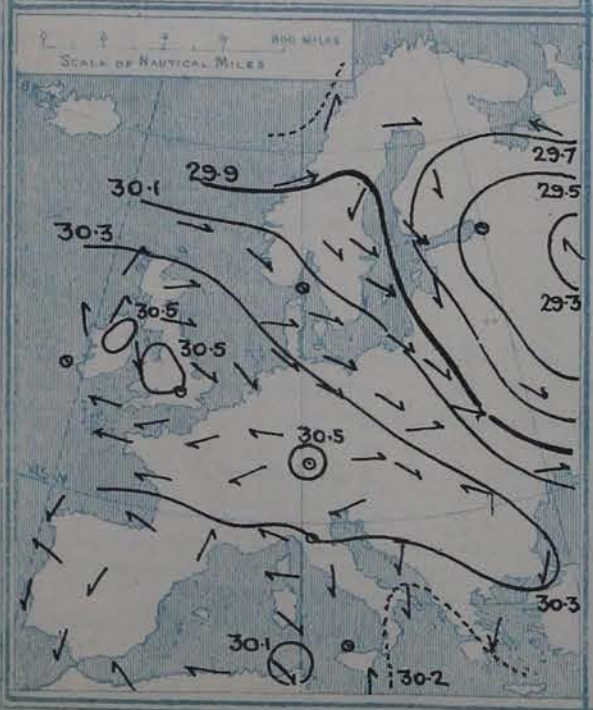
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0·6



III. BAROMETER AND WIND

Yesterday morning.



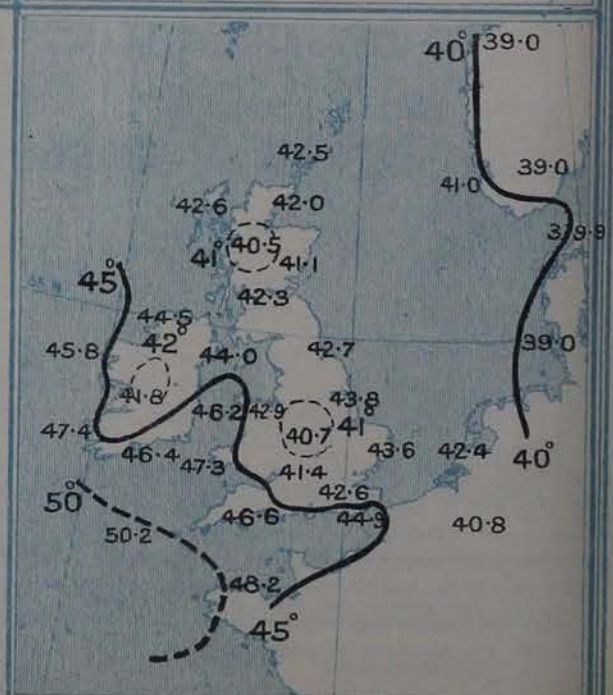
IV. EXTREMES OF TEMPERATURE

recorded in various districts of the United Kingdom during the week ended Satr 10th Nov.

V. *Averages of* DAILY TEMPERATURE

at 8 A.M. for the monthly period NOVEMBER.

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The general situation remains practically unchanged. An anticyclone of considerable intensity still covers the greater part of western Europe, the highest pressures, 30.5 ins. and upwards, being found over the west of England. The lowest readings, 30.0 ins. and less, are reported over the north of Scandinavia, and over the upper portions of the Baltic. The barometer is rising slightly in most places, but shows a tendency to fall along our own extreme western coasts.

WIND

The wind shows a distinct anticyclonic circulation, being Easterly or North-Easterly over France and the south of these Islands, but South-Westerly in all our more northern districts and North-Westerly or Northerly over the greater part of Scandinavia and Denmark. In force it is generally light or moderate, but at Visby the Northerly wind blows with the strength of a gale.

TEMPERATURE

Temperature has fallen slightly in the east of Scotland and the northern and central parts of England, and also in the west and south of France, but has risen elsewhere. Within the more central parts of the anticyclone the readings are below the average, slight frost being reported locally in the west of England, and more generally over South Germany and the east of France.

WEATHER AND SEA

Around the borders of the system the weather remains comparatively mild, the thermometer being above 45° not only on our extreme western and northern coasts, but also at stations on the eastern shores of the North Sea. At Haparanda the thermometer stands at −5° Fahr. The weather remains cloudy or dull over the greater part of the United Kingdom, with fog or mist in many parts of England and the south of Ireland. Fog is also reported at Brussels, Frankfort and Belfort, but at the majority of the Continental stations the weather is fine and bright. The sea is slight or smooth generally.

Over a considerable portion of the United Kingdom the thermometer yesterday did not reach 50° and at many places in the north of England it failed to reach 45°. Frost occurred at night over the inland portions of England; on the surface of the grass the thermometer fell to 19° at Oxford, and 23° in London. Scarcely any bright sunshine was recorded, excepting over the western parts of the Channel.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone is likely to drift slowly eastwards, and the weather on our extreme western coasts will be influenced shortly by depressions moving over the Atlantic. In other parts of the Kingdom the conditions will remain for the present anticyclonic, and over England the weather will be generally misty or foggy, with frost in the inland districts at night.

FORECASTS*

For the 24 hours ending at NOON on 14th November, 1906.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S.W. winds, light or moderate; cloudy, slight rain locally.	6 SCOTLAND WEST	Same as No. 0.
1 SCOTLAND EAST 2 ENGLAND N.E.	S.W. winds, light; fair generally; rather warmer.	7 ENGLAND N.W.	S. winds, light; fair generally, but misty in places.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	Calms and light variable airs; fair in places, but chiefly misty or foggy. Frost at night.	8 ENGLAND S.W	E. winds, light or moderate; dull, misty.
		9 IRELAND NORTH	S. and S.W. winds, freshening; cloudy, some rain in west.
		10 IRELAND SOUTH	S.E. winds, freshening; dull, misty, some rain.
		WARNINGS	None Issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

11.33 am.

DAILY WEATHER REPORT.

13TH NOVEMBER, 1906

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY,

STATIONS.	Temperature F Max.	Temperature F Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Blackpool, to 9 p.m. ...	45	34	om, c	0·0	–	Eastbourne, to 6 p.m. ...	46	38	*	1·8	–
Southport, to 9 p.m.... ...	44	35	o, cf	0·0	–	Bexhill-on-Sea, to 9 p.m.	46	41	b, g	2·5	–
Rhyl, to 6 p.m.	47	40	?	0·0	–	Hastings	*	*	*	2·1	*
Llandudno, to 9 p.m. ...	47	43	o	0·0	–	Folkestone, to 6 p.m. ...	47	39	b, bc, o, bc	3·7	–
Bettws-y-Coed, to 6 p.m.	46	40	o	0·0	–	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m.	46	33	o	0·0	–	Margate, to 6 p.m. ...	48	42	o, b, o	1·1	–
Aberystwyth, to 6 p.m. ...	47	33	o, c, o	0·0	–	Lowestoft, to 6 p.m. ...	46	40	o, c, o	0·0	–
Plymouth, to 9 p.m. ...	48	38	b, bc, b	6·0	–	Skegness	46	40	o	0·0	–
Torquay, to 6 p.m.	46	35	*	6·3	–	Scarborough, to 6 p.m. ...	47	41	*	0·0	–
Bournemouth, to 6 p.m. ...	45	32	*	6·2	–	Harrogate, to 6 p.m. ...					
Bognor, ...	*	*	bc	5·5	*	Darwen, to 9 p.m.	42	34	o, bc m	0·1	–
Worthing	45	38	o, c, b, c, o	3·6	–	Manchester, to 9 p.m. ...	45	37	of	0·0	–
Brighton	45	37	*	2·2	–	Birmingham, to 9 p.m. ...	43	40	o	0·0	–

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS 12th Nov., 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins
St. Petersburg	39	23	s, s	0·55	Algiers ... 12th Nov., 1906.	68	57	*, c	0·08
Utrecht...	48	28	o, o	–	Tunis	68	54	o, o	2·17
Groningen	48	34	o, c	–	Madeira (Funchal)	not	received.		
Vienna	41	32	b, b	–		1 p.m.		1 p.m.	Measured ? a.m.
Florence	61	42	b, b	–	Geneva ... 11th Nov., 1906.	Observations not received.			
Rome	64	45	b, b	–	Berne		*		
Naples	65	54	b, b	–	Coire		*		
Palermo	71	56	b, r	0·04	Castasegna...		*		
Brindisi	68	59	b, b	–	Lugano		*		
Malta	72	45	bc	–	Davos...		*		

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (,, ,,)	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

13th Nov., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7·12	11·37	4·3
Greenwich	7·16	11·44	4·13
Wick	7·58	11·56	3·55
Valencia	7·59	12·25	4·52

TERMS OF SUBSCRIPTION for the Daily Weather Report forwarded by Book Post, £1 per annum *payable quarterly in advance.*

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FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (*Director*).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Wednesday, **Meteorological Office, London.** 14TH NOVEMBER, 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sun. shine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	30·06	1	Z	0	b	29·93	−·04	28	28	+33	SSE	2	o	*	?28	−6	*	*	—
	Hernösand	30·15	34	Z	0	o	30·09	·00	45	42	+18	WNW	4	o	*	?45	27	*	*	—
	Stockholm	30·27	33	WSW	2	o	30·24	+·22	37	36	+2	W	2	bc	*	43	32	*	*	—
	Wisby...	30·28	39	N	6	bc	30·28	+·32	43	40	0	W	6	bc	*	45	37	*	*	—
	Karlstad	30·30	41	Z	0	o	30·29	+·14	33	33	−7	N	2	b	*	*	*	f,o	*	—
	Færder (X'iania Fjord)	30·27	46	SW	2	b	30·27	+·14	41	41	−6	NNE	2	f	1	?47	41	*	*	—
	Bodö	29·78	39	E	4	r	29·86	−·11	45	44	+9	SW	5	r	3	?45	32	*	*	0·08
	Christiansund ...	30·14	49	W	4	c	30·12	−·04	47	42	0	SSW	2	o	4	50	45	*	*	0·08
	Skudesnaes ...	30·35	48	Z	0	o	30·27	−·03	47	44	−1	SW	4	o	2	50	45	o	*	—
BRITISH ISLANDS.	Sumburgh Head	30·22	47	WSW	1	o	30·02	−·22	46	43	−2	WSW	3	o	3	50	45	o	*	0·02
	Stornoway	30·20	49	SW	3	o	29·94	−·30	49	47	+2	SW	4	o	4	50	45	o	0·0	0·01
	Malin Head ...	30·24	42	SSW	4	bcm	29·93	−·42	45	45	+2	S	6	og	3	45	39	o,bcm	*	—
	Blacksod Pt. ...	30·23	50	SE	5	cmq	29·96	−·40	49	48	0	SSW	6	rm	5	52	47	cqm	*	0·24
	Valencia	30·27	49	SSE	3	c	30·03	−·35	51	50	+3	SSE	3	og	4	53	48	om,c	0·0	0·11
	Roche's Point ...	30·35	49	SE	3	m	30·15	−·29	52	51	+4	SSW	7	ogm	6	52	48	og,m	*	0·01
	Birr Castle ...	30·34	40	SSE	2	b	30·09	−·36	48	47	+5	SSE	4	or	*	49	38	b	0·0	0·01
	Donaghadee ...	30·37	44	SW	1	m	30·15	−·31	47	45	+10	SW	3	c	2	47	37	om,og,bc	*	—
	Liverpool Obsy...	30·44	41	SE	1	b	30·29	−·22	36	35	−4	SE	3	c	?	46	32	bm	*	—
	Holyhead	30·39	44	W	1	cm	30·22	−·24	49	47	+3	SSW	4	o	3	49	40	c,cm	*	—
	Pembroke (St. Ann's Hd.)	30·40	45	NE	2	o	30·26	−·20	50	46	+11	S	6	ou	4	51	39	ogm,c	0·3	—
	Scilly (St. Mary's) ...	30·39	49	SSW	2	o	30·28	−·15	48	45	+1	SSW	2	bc	1	51	46	om	0·0	—
	Jersey (St. Aubins) ...	30·40	46	ENE	3	bcm	30·37	−·07	38	37	−5	ENE	2	bc	2	48	36	bm,c	0·0	—
	Portland Bill ...	30·40	49	NE	2	cm	30·32	−·12	49	45	+9	SSE	3	c	2	51	39	cm	*	—
	Dungeness	30·41	45	N	1	m	30·39	−·06	?45	44	+8	SE	3	o	2	49	43	o,m	0·0	—
	Wick	30·23	46	W	2	bc	30·03	−·26	43	40	−3	SW	3	bc	2	51	40	—	*	—
	Nairn	30·28	45	Z	0	o	30·07	−·30	43	40	0	WSW	1	o	1	46	39	—	0·0	—
	Aberdeen	30·32	39	SSW	1	b	30·16	−·24	44	42	+4	SSW	1	c	2	45	39	bc,o,c	1·8	—
	Leith	30·35	47	WSW	2	o	30·16	−·24	44	40	0	SSW	3	bc	*	48	42	—	*	—
	North Shields ...	30·41	44	SSW	3	o	30·26	−·20	36	35	−6	SW	2	c	2	47	32	o	*	—
	Spurn Head ..	30·43	47	NW	1	o	30·32	−·13	45	42	+1	S	3	o	2	47	42	o	*	—
	Yarmouth	30·40	48	N	2	c	30·38	−·07	45	43	−1	NW	2	cf	3	49	43	c	*	—
	Clacton-on-Sea ...	30·43	46	NNW	2	m	30·41	−·07	45	44	+3	Z	0	m	0	46	41	ogm	0·0	—
	Nottingham ...	30·44	42	NE	1	om	30·35	−·14	43	41	+5	SSW	1	om	*	46	38	om	0·0	—
	Bath	30·43	38	E	1	b	30·42	−·08	42	40	+12	NE	1	m	*	45	30	—	3·8	—
	Oxford	30·46	42	ESE	1	o	30·39	−·11	43	40	+7	NNE	1	of	*	45	36	o	*	—
	London (St. James' Park)	30·43	46	Z	0	ow	30·38	−·05	43	42	+2	Z	0	ogf	*	47	41	fg	0·0	—
GERMANY, &c.	The Scaw (Skagen)	30·30	48	Z	0	b	30·28	+·14	35	35	−12	Z	0	f	0	50	34	*	*	—
	Fanö	30·38	45	NW	2	b	30·38	+·08	46	44	0	W	1	o	*	50	45	*	*	—
	Cuxhaven	30·38	49	NW	2	o	30·41	+·06	46	45	−2	SW	1	o	*	50	45	*	*	—
	The Helder ...	30·45	47	NNE	1	o	30·42	−·03	45	44	−6	S	1	o	o	?51	45	*	*	—
	Brussels	*	*	*	*	*	30·42	−·05	42	42	+2	ESE	1	f	*	49	39	*	*	—
	Berlin	30·32	48	WNW	2	o	30·41	+·13	45	43	0	WNW	1	c	*	48	45	*	*	—
	Frankfurt	30·43	45	Z	0	o	30·40	−·04	44	42	+6	NE	1	o	*	46	37	*	*	—
	Munich	30·43	32	E	2	b	30·44	−·03	31	31	+4	E	2	b	*	41	27	*	*	—
FRANCE.	C. Gris Nez ...	30·45	46	SE	1	m	30·47	−·01	43	39	−2	E	1	o	2	50	43	*	*	—
	Brest	30·34	46	E	3	c	30·30	−·07	43	41	+6	E	3	o	1	48	?37	*	*	—
	Lorient	30·35	46	ENE	4	b	30·34	−·04	38	37	−2	ENE	3	b	1	52	37	*	*	—
	Rochefort	30·32	44	E	3	b	30·34	+·02	34	34	−2	E	1	b	*	52	32	b	*	—
	Biarritz	30·30	48	E	1	o	30·30	+·03	53	50	+9	WSW	3	o	1	?53	?44	*	*	—
	Paris	30·40	39	ENE	2	b	30·38	−·05	33	32	−2	ENE	2	b	*	51	31	*	*	—
	Belfort...	30·31	35	E	3	m	30·34	−·05	30	28	+3	E	4	m	*	42	?27	*	*	—
	Lyons	30·33	40	N	1	o	30·38	+·03	35	34	−1	N	1	o	*	41	35	*	*	—
	Nice	30·14	51	Z	0	bc	30·16	·00	44	41	−1	E	1	b	2	59	43	*	*	—
	Perpignan	30·20	48	Z	0	b	30·27	+·04	44	42	+2	NW	1	b	*	62	39	*	*	—
SPAN. PEN.	Corunna																	*	*	
	Lisbon	30·25	55	NNW	3	b	30·31	+·07	53	49	+3	N	2	b	*	61	50	*	*	—
	Azores (P. Delgada)...																	*	*	
	,, (Horta) ...	30·23	64	NE	5	b	30·29	+·25	63	57	−1	NE	5	b	3	68	63	*	*	—

NOTES:—(a) *At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + ·03 in., but for Sumburgh Head + ·04 in.; for stations South of Malin Head and North Shields + ·02 in., but for Scilly and Jersey + ·01 in.*

(b) *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

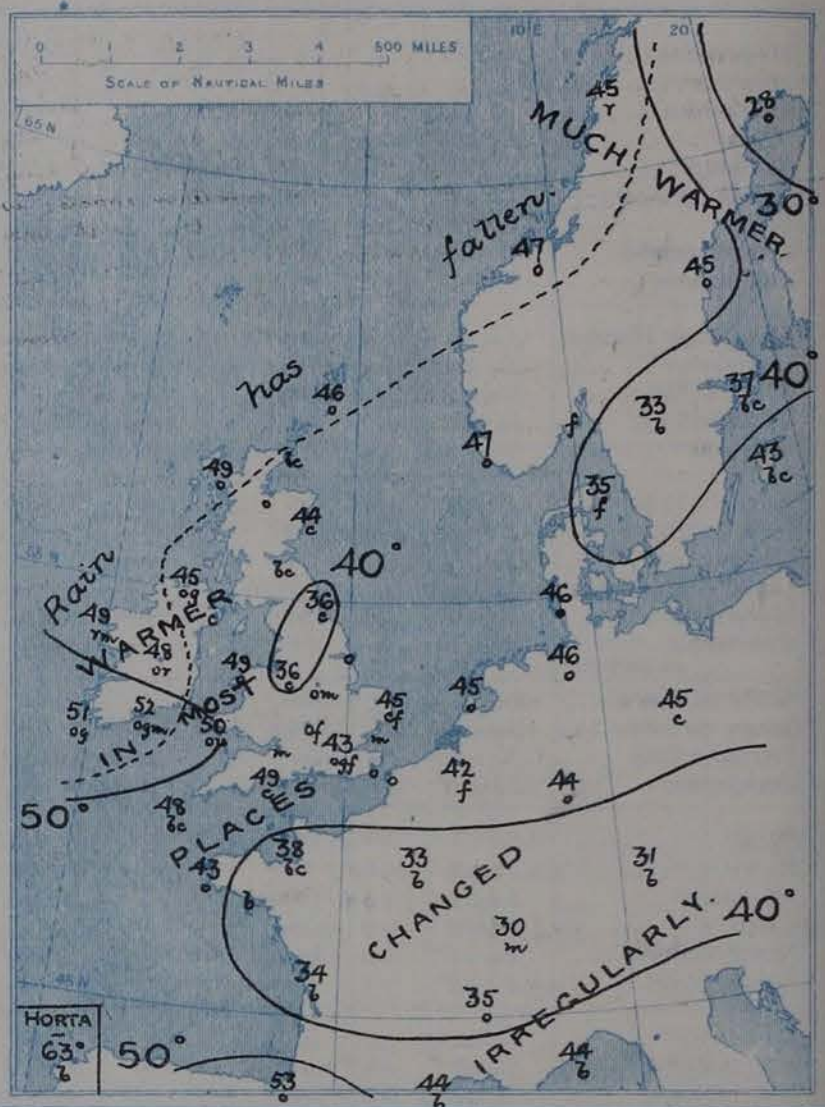
FOR Wednesday, 14th NOVEMBER, 1906.

I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 ⟶ : *Force 5 to 7* ⟶ : } Calm ⊙
Force 8 to 10 ⟶ : *Force 1 to 4* ⟶ :
SEA.—Rough *High*

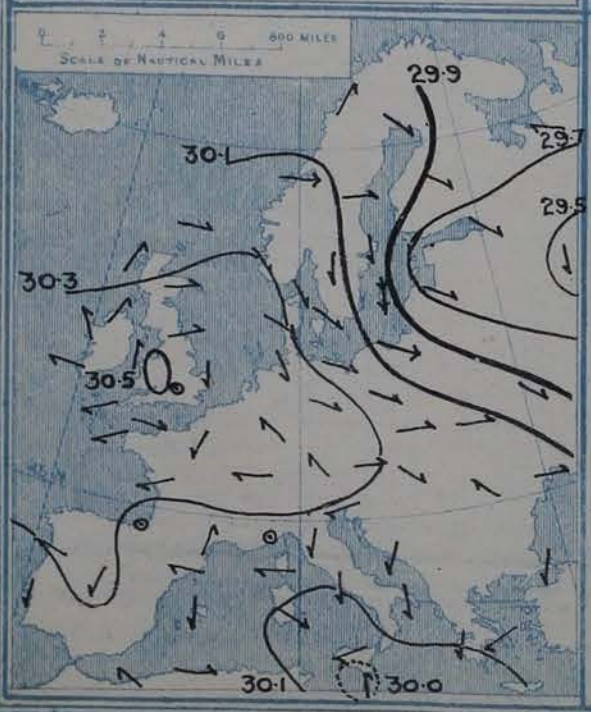
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0·6



III. BAROMETER AND WIND

Yesterday morning.

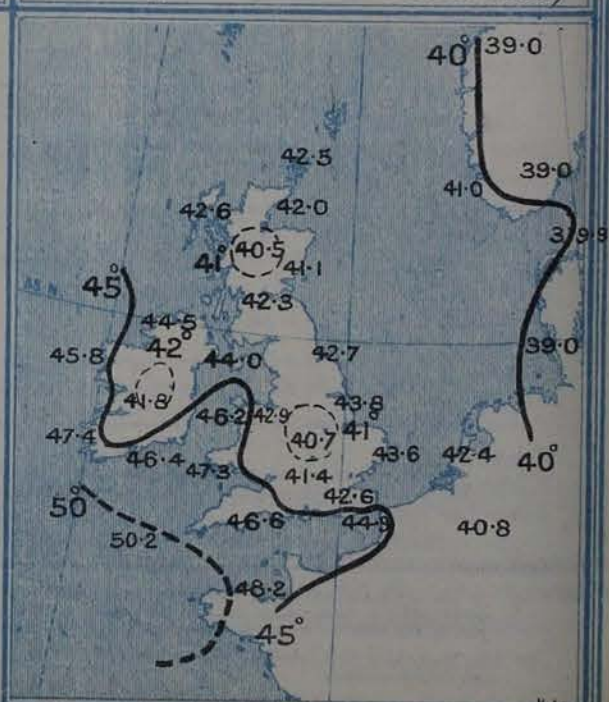


IV. LAST WEEK'S RAINFALL.

Amount recorded in various districts of the United Kingdom during the week ended Satd 10th Novr with the percentage of the average amount for the corresponding week.

V. *Averages of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* NOVEMBER.

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone recently noticed over western Europe is moving E.wd, the central portion of the system, with readings above 30·4 ins, being at present situated over Germany and the Netherlands. Cyclonic systems are beginning to travel N.wd along our extreme western coasts, and the barometer is falling over the United Kingdom generally,- rather briskly in the west and north, where the gradient is becoming rather steep. In France and Germany the mercury is rather unsteady.

WIND

As a result of the above changes the wind has shifted to the S.wd over nearly the whole of the United Kingdom, and has increased to the force of a strong breeze on many parts of our western coasts, with rain over Western and Central Ireland. Dull weather is reported in the west and extreme north generally, and fog or mist still prevails over Eastern and Central England. In France and Germany the wind is light to moderate in force,- chiefly from the E.wd, and the weather fine. To the northward of the highest pressures, i.e. in Scandinavia and Denmark, the wind varies between S.W. and W. and the weather is mostly dull, with fog in the neighbourhood of the Skager Rack.

TEMPERATURE

The setting in of a S.ly breeze has been accompanied in these Islands by a fairly general rise of temperature, and on the south coasts of Ireland the readings of the thermometer are slightly above 50°. The coldest weather is reported, quite, locally, over the north of England; at Shields and Liverpool the thermometer is as low as 36°. Slight frost prevails with the E.ly winds in South Germany and Central France, the lowest temperature reported being 30° at Belfort. In Scandinavia the thermometer has risen, quickly in the north, the change at Haparanda since yesterday amounting to as many as 33°.

WEATHER AND SEA

The sea is rough on some parts of the Irish coasts, and moderate in the west generally, but slight or smooth elsewhere.

Over the greater part of the United Kingdom the thermometer yesterday did not rise much above 45°, and in some parts of England that value was not reached. In the Shetlands & Hebrides it touched 50°, and on our extreme west & southwest coasts it rose slightly above that level. At a large majority of our stations there was an entire absence of bright sunshine, but in North Wales between 5 and 6 hrs. were recorded. Slight rain has fallen in Ireland and the west and north of Scotland.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone will continue to pass away to the E.wd, and the weather in these Islands will be influenced to a gradually increasing extent by depressions moving N.wd along our extreme western coasts. Freshening S.ly winds and milder weather are therefore probable, with rain in our western and northern districts, and subsequently in the south and east also.

FORECASTS*

For the 24 hours ending at NOON on 15th November, 1906.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	S.ly and S.W.ly winds, freshening; fair at first, some rain later; milder.
2 ENGLAND N.E.	S.ly winds, moderate; fair at first, showery later; milder.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	S.ly winds, light or moderate; fair to-day (fog clearing), less settled to-morrow, probably some rain. Becoming milder.
6 SCOTLAND WEST 7 ENGLAND N.W. 8 ENGLAND S.W 9 IRELAND NORTH 10 IRELAND SOUTH	S.ly winds, strong in places; mild, unsettled, some rain.
WARNINGS	NONE ISSUED

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

DAILY WEATHER REPORT.

14th November, 1906

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F Max.	Temperature F Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Blackpool, to 9 p.m. ...	46	31	om, bm	1·2	–	Eastbourne, to 6 p.m. ...	47	39	*	0·0	–
Southport, to 9 p.m.... ...	46	26	o, f, c, m	2·2	–	Bexhill-on-Sea, to 9 p.m.	46	44	g	0·0	–
Rhyl, to 6 p.m.	46	35	o, bc, o	5·3	–	Hastings	*	*	*	0·0	*
Llandudno, to 9 p.m. ...	49	38	bc	5·0	–	Folkestone, to 6 p.m. ...	46	40	o	0·0	–
Bettws-y-Coed, to 6 p.m.	46	34	b	5·3	–	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m.	49	36	c, b	5·6	–	Margate, to 6 p.m. ...	49	44	o	0·0	–
Aberystwyth, to 6 p.m. ...	46	33	c, b, c	6·0	–	Lowestoft, to 6 p.m. ...	49	42	o, c, o	0·0	–
Plymouth, to 9 p.m. ...	48	43	b, bc, of	3·4	–	Skegness	46	41	c, m	0·0	–
Torquay, to 6 p.m.	47	33	*	4·0	–	Scarborough, to 6 p.m. ...	48	42	*	0·0	–
Bournemouth, to 6 p.m. ...	44	30	*	0·0	–	Harrogate, to 6 p.m. ...	45	40	c, o	0·0	–
Bognor, ...	*	*	og	0·0	*	Darwen, to 9 p.m.	43	32	omq, cf	0·0	–
Worthing	44	34	o, m	0·0	–	Manchester, to 9 p.m. ...	47	31	o, f, b	0·2	–
Brighton	46	36	*	0·0	–	Birmingham, to 9 p.m. ...	–				

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS 13th Nov., 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins
St. Petersburg	32	21	b, o	0·04	Algiers ... 13th Nov., 1906.	66	59	r, c	0·59
Utrecht...	48	43	o, o	–	Tunis	not	recd.		
Groningen	52	41	r, o	–	Madeira (Funchal)	not	recd.		
Vienna	45	39	o, o	–		1 p.m.		1 p.m.	Measured 7 a.m.
Florence	59	42	b, b	–	Geneva ... 12th Nov., 1906	45	*	b	
Rome	62	46	b, b	–	Berne	43	*	o	–
Naples	62	52	b, c	–	Coire	41	*	b	–
Palermo	66	56	bc, r	1·54	Castasegna...	46	*	b	–
Brindisi	66	53	b, b	–	Lugano	52	*	b	–
Malta	71	64	o	–	Davos...	34	*	b	–

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. („ „)	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

14th Nov., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7·14	11·38	4·2
Greenwich	7·18	11·45	4·12
Wick	8·0	11·57	3·53
Valencia	8·1	12·26	4·51

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Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(Telegraphic Address: WEATHER, LONDON.)

W. N. SHAW, (*Director*).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Thursday, **Meteorological Office, London.** 15TH NOVEMBER, 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	29.97	30	Z	0	0	29.87	-.06	32	32	+4	Z	0	f	*	32	1	*	*	—
	Hernösand	30.05	37	Z	0	b	29.85	-.24	27	?	-18	NE	2	b	*	45	?27	*	*	—
	Stockholm	30.15	37	WSW	2	0	30.01	-.23	38	37	+1	W	2	0	*	43	32	*	*	—
	Wisby...	30.22	44	W	4	0	30.08	-.20	44	42	+1	W	4	0	*	45	37	*	*	—
	Karlstad	30.19	37	Z	0	f	29.97	-.32	42	41	+9	WSW	2	c	*	*	*	*	*	—
	Færder (X'iania Fjord)	30.17	44	WSW	2	0	29.88	-.39	46	44	+5	SSW	6	0	2	46	41	*	*	—
	Bodö	29.91	44	SW	4	0	29.70	-.16	44	41	-1	S	1	0	1	45	39	*	*	1.58
	Christiansund ...	29.94	47	SE	1	0	29.63	-.49	46	40	-1	SSE	3	0	4	48	45	*	*	—
	Skudesnaes ...	30.12	47	SSW	8	0	29.76	-.51	46	43	-1	S	6	r	4	48	45	0	*	0.16
BRITISH ISLANDS.	Sumburgh Head	29.81	46	SSW	4	0	29.55	-.47	43	42	-3	W	4	r	4	48	43	c,0	*	0.10
	Stornoway	29.80	45	SW	1	bc	29.63	-.31	43	41	-6	SW	1	0	1	49	38	d,r,bc	0.0	0.17
	Malin Head ...	29.92	48	NNW	7	rq	29.57	-.36	42	42	-3	S	3	orm	3	49	41	bc,rq	*	0.36
	Blacksod Pt. ...	29.96	48	W	3	cm	29.70	-.26	51	50	+2	SSW	5	cqdbm	4	52	45	bcmdpc	*	0.15
	Valencia	30.17	50	W	3	cp	29.86	-.17	53	52	+2	SW	4	oq	5	54	47	cmp,cp	5.2	0.15
	Roche's Point ...	30.14	48	WSW	3	bc	29.85	-.30	52	52	0	WSW	4	rm	5	53	44	r,bc	*	0.26
	Birr Castle ...	30.04	48	SSE	2	bc	29.82	-.27	49	48	+1	S	6	orqu	*	53	41	cp,bc	3.1	0.40
	Donaghadee ...	29.96	46	SSW	3	c	29.73	-.42	43	43	-4	SSW	2	r	2	50	40	omr,cp	*	0.33
	Liverpool Obsy...	30.12	43	SSE	3	r	29.90	-.39	45	43	+9	SW	3	0	3	48	36	rm	*	0.04
	Holyhead	30.05	50	SSW	7	rqgm	29.85	-.37	47	47	-2	W	4	r	3	51	45	cmp,rqm	*	0.27
	Pembroke (St. Ann's Hd.)	30.11	50	SSW	7	0	29.95	-.31	50	48	0	SW	7	omqpc	6	52	48	c,oqp	0.3	0.04
	Scilly (St. Mary's) ...	30.21	51	W	4	cmp	30.11	-.17	49	47	+1	WSW	5	0	4	53	47	c,cmp	0.9	0.03
	Jersey (St. Aubins) ...	30.31	44	WNW	1	bm	30.19	-.18	51	49	+13	WSW	5	cpqm	4	52	34	c,bm	8.0	0.02
	Portland Bill ...	30.27	48	SSW	3	bc	30.09	-.23	51	49	+2	W	5	bc	4	53	48	o,bc	*	—
	Dungeness	30.29	50	SSW	3	c	30.07	-.32	51	49	+6	SSW	5	0	4	51	44	bc,c	2.7	—
	Wick	29.81	45	W	4	0	29.62	-.41	42	40	-1	W	2	0	2	48	38	—	*	0.01
	Nairn	29.83	47	W	1	0	29.66	-.41	41	39	-2	WSW	1	c	1	50	40	—	0.7	—
	Aberdeen	29.94	47	S	3	0	29.71	-.45	42	40	-2	SW	1	c	2	47	39	cm,or	0.0	0.32
	Leith	29.96	48	SW	3	0	29.73	-.43	45	42	+1	SW	3	c	*	50	43	o,p	*	0.04
	North Shields ...	30.08	42	S	3	omr	29.81	-.45	45	44	+9	SW	2	c	2	45	36	cm,o,r	*	0.02
	Spurn Head ..	30.18	46	S	4	0	29.91	-.41	45	44	0	SW	4	c	2	46	42	o,p	*	—
	Yarmouth	30.27	47	SW	2	c	30.02	-.36	45	43	0	SW	4	cm	3	48	43	c,cm	*	—
	Clacton-on-Sea ...	30.30	47	WSW	1	0	30.06	-.35	47	46	+2	SSW	4	bc	3	49	44	omcpbc	0.5	—
	Nottingham ...	30.20	43	SSW	1	b	29.96	-.39	44	43	+1	SW	1	bc	*	45	41	om,b	0.0	0.02
	Bath	30.26	44	SSE	2	0	30.05	-.37	45	44	+3	SW	4	c	*	47	40	—	0.0	—
	Oxford	30.25	42	SSE	1	b	30.04	-.35	44	43	+1	S	1	c	*	46	41	0,b	*	—
	London (St. James' Park)	30.28	48	Z	0	0	30.05	-.33	46	46	+3	SW	1	om	*	49	42	o,b,op	0.0	0.01
GERMANY, &c.	The Scaw (Skagen)	30.23	44	WNW	1	0	29.99	-.29	44	43	+9	SW	4	0	1	45	35	*	*	—
	Fanö	30.26	46	SW	2	0	30.05	-.33	46	44	0	SW	4	0	*	48	45	*	*	—
	Cuxhaven	30.37	46	S	1	0	30.13	-.28	42	41	-4	SSW	2	0	*	48	41	*	*	—
	The Helder ...	30.33	40	S	1	b	30.08	-.34	44	42	-1	S	3	0	2	50	37	*	*	—
	Brussels	*	*	*	*	*	30.21	-.21	33	33	-9	S	1	b	*	48	33	*	*	—
	Berlin	30.40	43	Z	0	b	30.27	-.14	35	33	-10	SE	1	b	*	48	34	*	*	—
	Frankfurt	30.35	44	SE	1	b	30.26	-.14	33	33	-11	SE	2	bc	*	46	32	*	*	—
	Munich	30.39	33	SE	3	b	30.37	-.07	28	28	-3	SE	2	f	*	45	25	*	*	—
FRANCE.	C. Gris Nez ...	30.33	46	E	2	0	30.14	-.33	49	47	+6	SW	4	r		50	?43	*	*	0.04
	Brest	30.28	50	SW	2	b	30.19	-.11	52	48	+9	W	4	c	3	52	?43	*	*	0.04
	Lorient	30.32	46	W	1	b	30.25	-.09	54	52	+16	SW	4	0	4	?	?	*	*	—
	Rochefort	30.33	36	E	2	m	30.36	+.02	36	36	+2	Z	0	m	*	45	34	f,m	*	—
	Biarritz	30.34	54	WNW	3	0	30.35	+.05	53	53	0	Z	0	0	1	55	50	*	*	—
	Paris	30.33	36	Z	0	b	30.30	-.08	29	29	-4	SSW	3	0	*	50	28	*	*	*
	Belfort...	30.31	38	ENE	2	m	30.34	.00	27	27	-3	W	3	f	*	45	27	*	*	—
	Lyons	30.37	33	NNW	1	f	30.35	-.03	34	33	-1	N	1	f	*	44	32	*	*	—
	Nice	30.20	50	Z	0	bc	30.25	+.09	45	43	+1	E	2	c	2	57	44	*	*	—
	Perpignan	30.27	50	NW	2	b	30.31	+.04	47	42	+3	W	3	b	*	60	43	*	*	—
SPAN. PEN.	Corunna																	*	*	
	Lisbon	30.30	55	N	4	b	30.33	+.02	52	49	-1	NNE	3	b	*	63	50	*	*	—
	Azores (P. Delgada)...																	*	*	
	,, (Horta) ...	30.45	63	NW	3	b	30.50	+.21	59	56	-4	NNW	3	b	2	68	59	*	*	—

NOTES:—(a) *At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + ·03 in., but for Sumburgh Head + ·04 in.; for stations South of Malin Head and North Shields + ·02 in., but for Scilly and Jersey + ·01 in.*

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* *Observations for this column not generally received.*

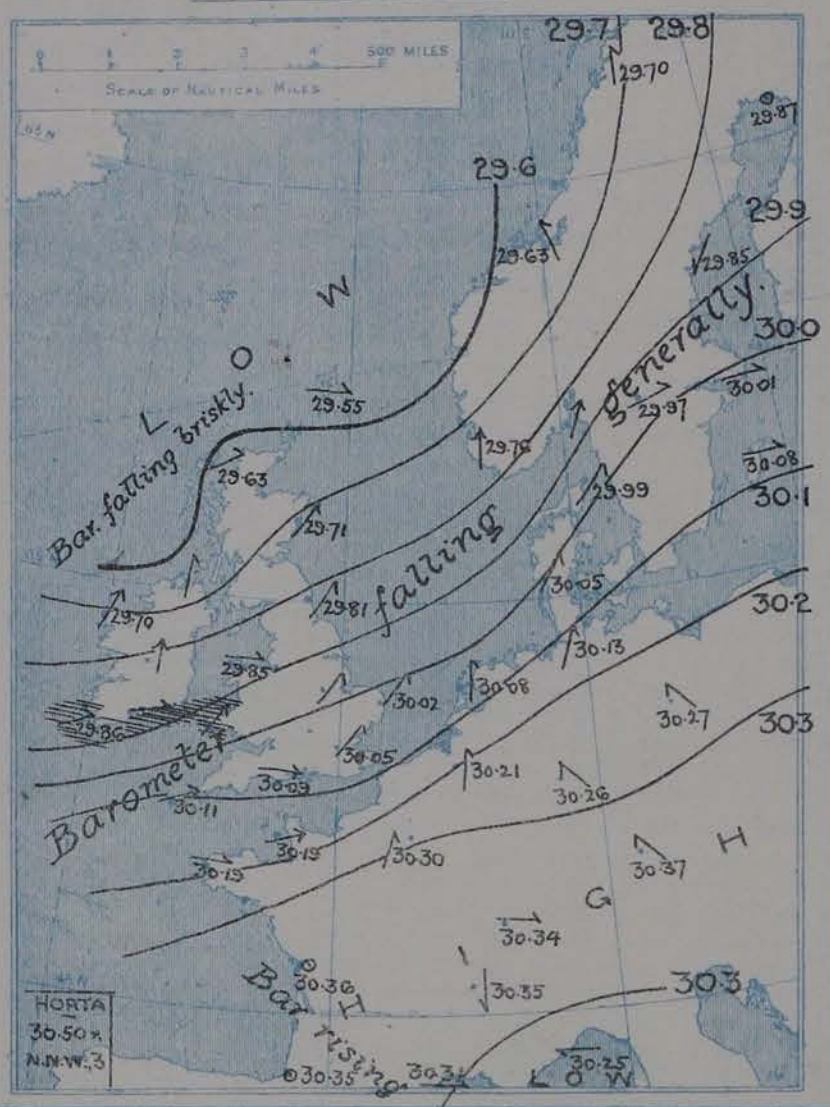
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR Thursday, 15TH NOVEMBER, 1906.

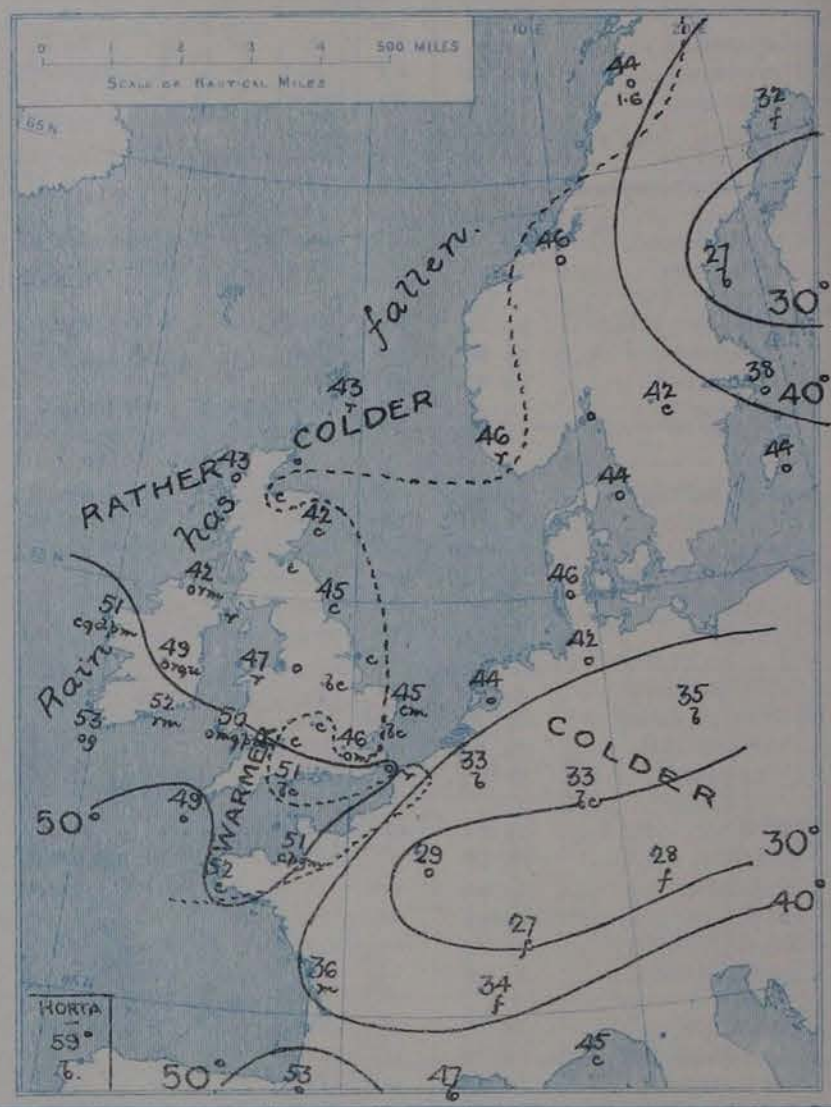
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 ; *Force 8 to 10* ; *Force 5 to 7* ; *Force 1 to 4* ; Calm
SEA.—Rough ; *High*



II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0·6



III. BAROMETER AND WIND

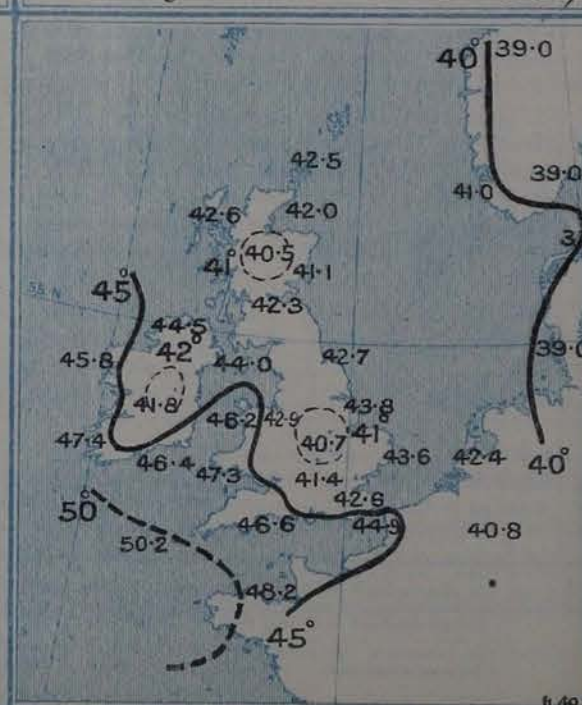
Yesterday morning.

IV. LAST WEEK'S SUNSHINE.

Amount recorded in various districts of the United Kingdom during the week ended Sat. 10TH Nov. *with the percentage of the average duration for the corresponding week.*

V. *Averages of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* NOVEMBER.

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

A large area of low pressure lies to the N.W.ᵈ and N.W.ᵗʰ of these Islands, and small secondary depressions are skirting our extreme northwestern and northern coasts. One of these disturbances is now passing on towards the west of Norway, while another is approaching the west of Scotland, the readings of the barometer in the neighbourhood of each system being below 29·6 ins. The mercury is at present falling over the whole of the United Kingdom and the northern parts of the Continent,– briskly on our own extreme northwest coasts. An anticyclone with readings above 30·3 ins. lies over the Spanish Peninsula, France and South Germany.

WIND

The wind is S.W.ˡʸ over northwestern Europe as a whole, but draws into S. in the north of Ireland, and also in the west of Norway. In force it is light or moderate generally, but on several parts of our western and southern coasts it blows freshly or strongly. Light S.E.ˡʸ breezes are reported in Germany, and calms or variable airs over the southern parts of France.

TEMPERATURE

Temperature has risen over England, and is now above the average over the entire southern half of the United Kingdom. On several parts of our western and southern coasts the morning readings are slightly above 50°, but in Scotland and the north of Ireland they are nearly all below 45°. Frost prevails in the anticyclonic region over France and Germany, the lowest temperatures reported being 27° at Belfort, 28° at Munich and 29° at Paris.

WEATHER AND SEA

The weather is fair in the eastern parts of Great Britain, and also in Germany, Belgium and the south of France. Elsewhere the sky is generally overcast, with rain at most of our western stations, as well as in the Shetlands and the south of Norway. Fog prevails at Belfort and Munich. The sea is moderate or slight generally, but rather rough on our southwest coasts.

During yesterday the thermometer rose to 50° or slightly above it at many of our western and northern stations; at some places in the northern and central parts of England it did not exceed 45°. In the south and east of England there was an almost entire absence of bright sunshine, but at Jersey as many as 8 hours were registered; small amounts were recorded at most of our northern stations. Rain has fallen in most parts of the Kingdom, but only partially in the south and east of England.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Cyclonic areas will continue to skirt our extreme northwestern and northern coasts, and small secondary disturbances will probably pass in an E.ˡʸ or N.E.ˡʸ direction across various parts of the United Kingdom. Freshening S.W.ˡʸ and W.ˡʸ winds, and mild, changeable weather are therefore probable in most districts.

FORECASTS*

For the 24 hours ending at NOON on 16th November, 1906.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST 2 ENGLAND N.E.	S.W.ˡʸ winds, freshening; fair at first, some rain later; becoming milder.	6 SCOTLAND WEST 7 ENGLAND N.W. 8 ENGLAND S.W 9 IRELAND NORTH 10 IRELAND SOUTH	S.W.ˡʸ and W.ˡʸ winds, strong in places; mild, unsettled, rain at times.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	S.W.ˡʸ winds, freshening; mild, changeable, some showers.	WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

DAILY WEATHER REPORT. 15TH NOVEMBER, 1906

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Blackpool, to 9 p.m. ...	44	30	om, r, c	0·0	0·07	Eastbourne, to 6 p.m. ...	47	44	*	0·0	–
Southport, to 9 p.m.... ...	45	31	o, c, or, b	0·0	0·05	Bexhill-on-Sea, to 9 p.m.	49	47	– ?	0·1	–
Rhyl, to 6 p.m.	50	31	o	2·8	–	Hastings	*	*	*	0·0	*
Llandudno, to 9 p.m. ...	50	34	bc, r	2·2	–	Folkestone, to 6 p.m. ...	50	43	o, b, bc, o	0·9	–
Bettws-y-Coed, to 6 p.m.						Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m.	50	32	o, r	0·3	–	Margate, to 6 p.m. ...	51	43	b, o	4·0	–
Aberystwyth, to 6 p.m. ...	50	38	o, c, r	1·0	0·03	Lowestoft, to 6 p.m. ...	48	43	o	0·0	–
Plymouth, to 9 p.m. ...	51	42	c, b v, orq	1·3	0·02	Skegness	47	43	m, o	0·0	–
Torquay, to 6 p.m.	50	37	*	0·5	–	Scarborough, to 6 p.m. ...	46	42	*	0·0	–
Bournemouth, to 6 p.m. ...	49	30	*	0·0	0·01	Harrogate, to 6 p.m. ...	46	34	c	0·0	–
Bognor, ...	*	*	?	0·0	*	Darwen, to 9 p.m.	43	32	cf, orq, omq	0·0	0·10
Worthing	44	40	om	0·0	–	Manchester, to 9 p.m. ...	47	36	or, o	0·0	0·05
Brighton	49	42	*	0·0	–	Birmingham, to 9 p.m. ...	43	40	o	0·0	–

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS 14th Nov., 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins
St. Petersburg	25	19	bc, o	–	Algiers ... 14th Nov., 1906	66	55	bc, c	–
Utrecht...	48	41	o, m	–	Tunis	63	54	r, bc	0·59
Groningen	50	43	o, c	0·04	Madeira (Funchal)	not	recd.		
Vienna	45	41	o, bc	–		1 p.m.		1 p.m.	Measured 7 a.m.
Florence	55	41	b, b	–	Geneva ... 13th Nov., 1906	39	*	m	–
Rome	60	44	b, b	–	Berne	37	*	o	–
Naples	59	43	b, b	–	Coire	41	*	b	–
Palermo	64	51	bc, r	0·32	Castasegna...	43	*	b	–
Brindisi	63	49	b, b	–	Lugano	50	*	b	–
Malta	73	60	bc	0·16	Davos...	32	*	b	–

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (,, ,,)	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

15th Nov., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7·16	11·38	4·0
Greenwich	7·20	11·45	4·10
Wick	8·3	11·57	3·51
Valencia	8·3	12·26	4·49

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FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (*Director*).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Friday, **Meteorological Office, London.** 16th NOVEMBER, 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sun. shine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	29.69	33	S	2	f	29.52	-.35	33	33	+1	SSE	2	S	*	34	30	*	*	0.12
	Hernösand	29.61	37	W	2	0	29.47	-.38	38	38	+11	Z	0	r	*	37	27	*	*	0.04
	Stockholm	29.81	41	SW	2	0	29.59	-.42	41	39	+3	S	2	0	*	43	37	*	*	—
	Wisby...	29.88	43	W	4	0	29.63	-.45	42	41	-2	SSE	4	r	*	45	41	*	*	0.24
	Karlstad	29.69	43	S	6	r	29.47	-.50	42	41	0	S	4	r	*	*	*	*	*	0.04
	Færder (X'iania Fjord)	29.59	46	SSW	6	0	29.36	-.52	43	41	-3	S	2	r	3	46	43	*	*	0.39
	Bodö	29.43	39	E	2	0	29.33	-.37	37	35	-7	E	2	c	2	44	36	*	*	—
	Christiansund ...	29.42	44	SW	1	c	29.39	-.24	36	35	-10	WSW	2	r	4	46	36	*	*	0.24
	Skudesnaes ...	29.56	46	WNW	4	0	29.42	-.34	42	37	-4	NNE	4	c	3	46	37	bc, o	*	0.39
BRITISH ISLANDS.	Sumburgh Head	29.49	41	NW	3	c	29.47	-.08	35	34	-8	NE	3	0	4	44	31	r, c	*	0.35
	Stornoway	29.67	36	W	2	b	29.60	-.03	40	38	-3	SW	1	0	1	45	35	bc, b	1.9	0.10
	Malin Head ...	29.77	46	NNW	6	cp	29.59	+.02	41	41	-1	SW	4	rm	5	47	40	bc, cp	*	0.22
	Blacksod Pt. ...	29.97	47	WNW	5	bcgm	29.48	-.22	53	53	+2	SW	6	ogmdp	5	54	43	bcgmp	*	0.24
	Valencia	30.04	49	NW	4	bc	29.74	-.12	54	53	+1	SW	6	ogm	5	55	46	cp, o, bc	2.2	0.26
	Roche's Point ...	30.00	47	NW	3	b	29.72	-.13	54	53	+2	W	4	org	5	54	44	cgp, b	*	0.12
	Birr Castle ...	29.95	43	WNW	2	b	29.61	-.21	46	45	-3	SSW	3	o	*	52	36	c, b, r	3.8	0.13
	Donaghadee ...	29.56	46	NW	6	r	29.72	-.01	40	40	-3	WSW	2	r	2	50	40	omq, od	*	0.19
	Liverpool Obsy...	29.60	46	WNW	6	r	29.81	-.09	43	41	-2	SW	2	o	2	52	42	org	*	0.18
	Holyhead	29.72	49	NW	8	cgp	29.77	-.08	44	43	-3	WSW	3	r	2	52	43	bgm, cp	*	0.35
	Pembroke (St. Ann's Hd.)	29.86	50	WNW	6	c	29.82	-.13	48	47	-2	SW	6	rq	6	54	45	cgp, bc	0.9	0.20
	Scilly (St. Mary's) ...	29.96	52	WNW	6	cp	29.96	-.15	50	49	+1	SW	5	r	5	54	48	r, o, cp	0.0	0.05
	Jersey (St. Aubins) ...	29.97	51	WSW	7	orm	30.07	-.12	48	45	-8	WNW	2		2	54	45	r, ogmp	0.5	0.09
	Portland Bill ...	29.80	53	WNW	9	c	29.97	-.12	50	46	-1	WNW	4	c	4	55	48	r, c	*	0.04
	Dungeness	29.68	51	SW	7	r	29.94	-.13	44	42	-7	W	5	o	5	54	39	r	2.9	0.43
	Wick	29.60	40	W	3	c	29.54	-.08	36	35	-6	W	3	crsp	2	43	33	—	*	0.23
	Nairn	29.67	38	W	1	b	29.62	-.04	35	33	-6	W	1	c	1	44	34	—	0.0	0.11
	Aberdeen	29.63	41	WNW	3	bc	29.62	-.09	37	34	-5	SW	2	c	2	46	35	om, cp, b	0.7	—
	Leith	29.63	43	SW	2	0	29.64	-.09	42	39	-3	W	2	bc	*	47	38	r, o	*	0.38
	North Shields ...	29.49	43	N	3	r	29.71	-.10	41	39	-4	SW	3	c	2	46	35	r	*	0.35
	Spurn Head ..	29.44	48	SSW	4	r	29.77	-.14	41	40	-4	W	4	c	3	48	41	r, c	*	0.12
	Yarmouth	29.59	49	SSW	5	r	29.81	-.21	39	38	-6	W	4	bcm	4	50	38	ogf, r	*	0.18
	Clacton-on-Sea ...	29.64	48	SSW	5	r	29.90	-.16	40	39	-7	WNW	3	c	2	52	39	c, ogr, c	0.5	0.13
	Nottingham ...	29.49	47	WSW	4	r	29.83	-.13	41	40	-3	W	1	om	*	50	38	op, r	0.2	0.12
	Bath	29.76	50	W	4	0	29.93	-.12	44	42	-1	SW	4	r	*	53	39	—	0.3	0.06
	Oxford	29.72	47	WSW	5	0	29.93	-.11	41	40	-3	SW	2	o	*	51	40	org, bc	*	0.06
	London (St. James' Park)	29.66	50	SW	4	c	29.93	-.12	41	40	-5	WNW	1	om	*	51	40	bc, or, bcq	0.6	0.13
GERMANY, &c.	The Scaw (Skagen)	29.67	45	SW	5	m	29.45	-.54	43	42	-1	SW	5	r	1	45	43	*	*	0.08
	Fanö	29.66	45	S	5	0	29.47	-.58	42	41	-4	SE	1	0	*	46	41	*	*	0.20
	Cuxhaven	29.84	42	S	3	0	29.47	-.66	42	41	0	SW	3	0	*	46	39	o, rq	*	0.20
	The Helder ...	29.65	42	SSW	5	r	29.71	-.37	50	46	+6	NW	6	r	6	50	41	*	*	0.43
	Brussels	*	*	*	*	*	29.88	-.33	45	43	+12	WNW	3	0	*	46	33	*	*	0.20
	Berlin	30.01	36	S	2	b	29.70	-.57	38	37	+3	SSW	2	r	*	45	34	*	*	0.08
	Frankfurt	30.06	37	SW	5	0	29.85	-.41	39	39	+6	SW	5	0	*	39	32	*	*	0.12
	Munich	30.21	33	SW	2	0	30.04	-.33	37	35	+9	SW	4	0	*	37	27	*	*	—
FRANCE.	C. Gris Nez ...	29.82	49	SW	7	r	29.93	-.21	46	42	-3	W	4	b	4	54	45	*	*	0.24
	Brest	29.99	54	SW	5	r	30.09	-.10	51	48	-1	WNW	3	bc	3	54	48	*	*	0.04
	Lorient	30.11	53	W	5	0	30.12	-.13	50	48	-4	NW	3	c	4	55	48	*	*	0.16
	Rochefort	30.23	54	SW	4	0	30.17	-.19	50	50	+14	NNW	4	0	*	55	?36	0	*	0.12
	Biarritz	30.37	54	W	2	b	30.25	-.10	53	53	0	SW	4	m	1	54	48	*	*	0.04
	Paris	30.09	38	SSW	3	0	30.02	-.28	41	41	+12	SW	2	c	*	45	?29	*	*	0.12
	Belfort...	30.25	33	W	5	f	30.07	-.27	39	38	+12	W	4	r	*	?	?27	*	*	0.24
	Lyons	30.34	35	N	1	b	30.20	-.15	36	35	+2	SE	1	0	*	40	31	*	*	0.28
	Nice	30.23	50	Z	0	c	30.15	-.10	45	42	0	Z	0	c	1	57	45	*	*	—
	Perpignan	30.30	47	NW	1	b	30.27	-.04	41	40	-6	SW	2	0	*	58	38	*	*	—
SPAN. PEN.	Corunna																	*	*	
	Lisbon	30.36	52	N	4	b	30.37	+.04	58	50	+6	NNE	4	b	*	59	46	*	*	—
	Azores (P. Delgada)...																	*	*	
	,, (Horta) ...	30.56	63	SE	4	bc	30.56	+.06	61	57	+2	E	2	0	2	68	59	*	*	—

NOTES:—(a) *At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + ·03 in., but for Sumburgh Head + ·04 in.; for stations South of Malin Head and North Shields + ·02 in., but for Scilly and Jersey + ·01 in.*

(b) *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

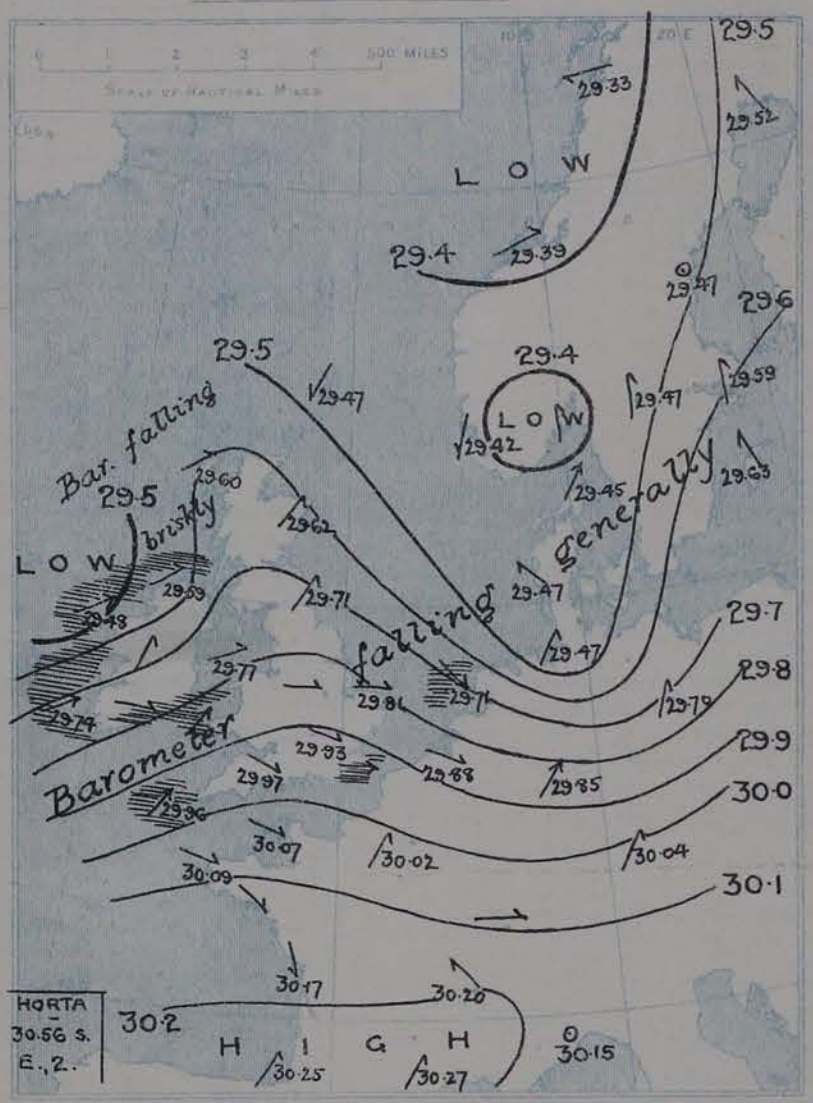
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR Friday, 16TH NOVEMBER, 1906.

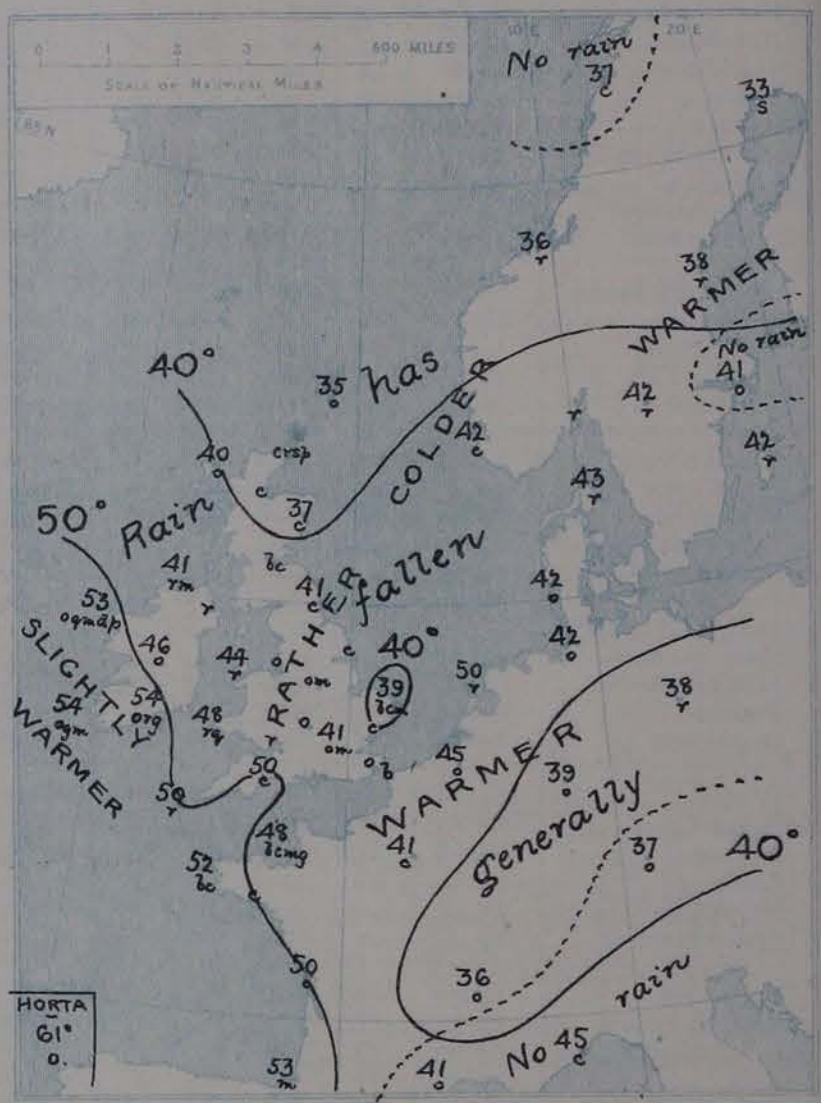
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 ——→ ; *Force 8 to 10* ——→ ; *Force 5 to 7* ——→ ; *Force 1 to 4* ——→ ; Calm ⊙
SEA.—Rough ; *High*



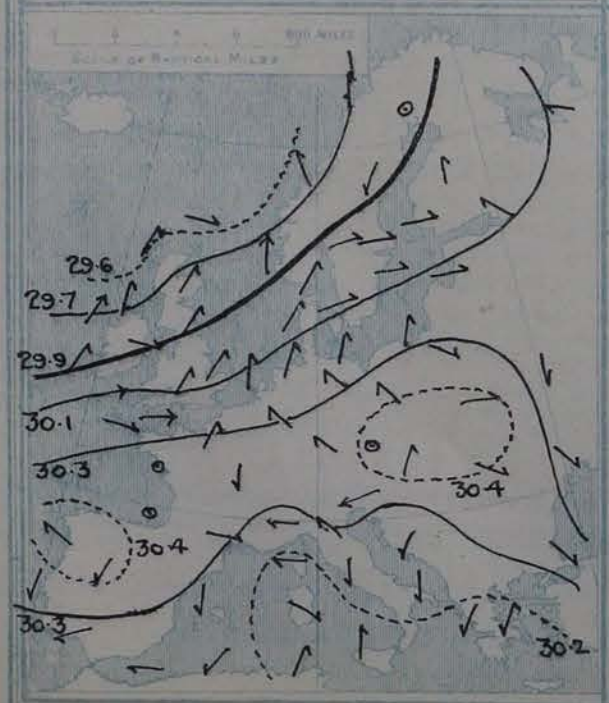
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0.6



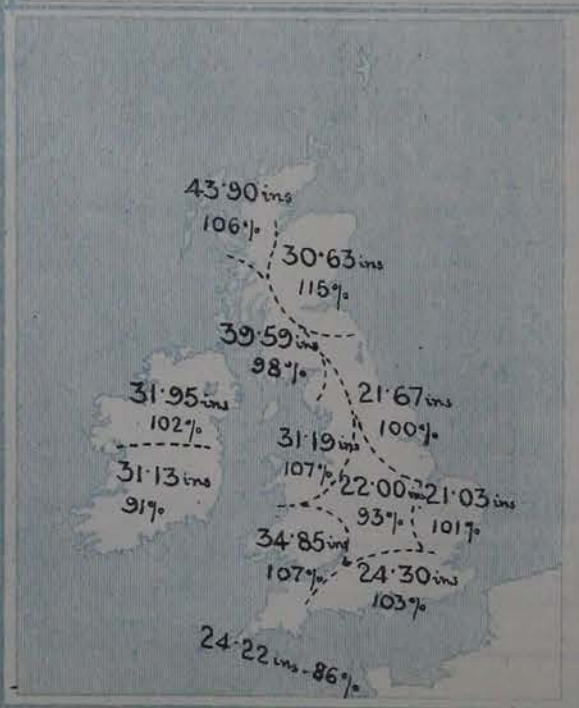
III. BAROMETER AND WIND

Yesterday morning.



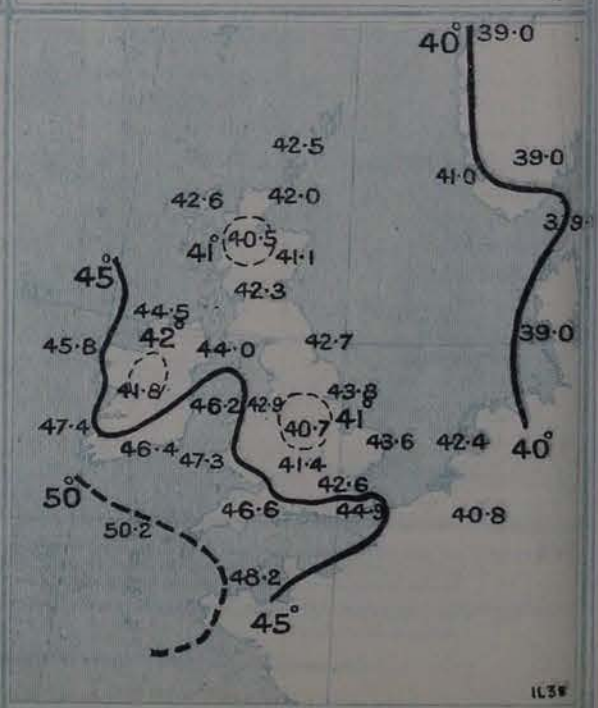
IV. RAINFALL IN 1906.

Total Amount recorded in various districts of the United Kingdom in the 45 weeks ended Saturday 10TH Nov. with the percentage of the average amount for the corresponding period.



V. *Averages of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* NOVEMBER.

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The depression which passed across the north of England yesterday has now reached the south of Norway, but a new disturbance has already appeared off the west of Ireland, so that the barometer is again falling on all our western coasts, with an increasing gradient for S.W.ly winds. The highest pressures, 30·2 ins and upwards, are still found over the Spanish Peninsula and the southern parts of France. The lowest readings, 29·4 ins. and less, are reported in a large depression lying off the west of Norway, and in the smaller disturbance which has reached the south of that country. In the new disturbance off the west of Ireland the barometer is below 29·5 ins

WIND

With the advance of the fresh depression the wind has backed to the S.W.wd on all our western coasts, and is increasing in force, with a very general fall of rain, and with a high temperature.

TEMPERATURE

At Blacksod Point the thermometer stands at 53°, and at Valencia and Roche's Point at 54°. Over the eastern parts of Great Britain the wind is light to moderate from the W.wd and the weather fair and cold. Over Eastern and Central England the readings of the thermometer are a trifle above or below 40°, while in Scotland they are still lower, - only 35° at Nairn at Sumburgh Head. At the Continental stations the weather is dull and unsettled, with rain in many parts of Scandinavia, Denmark and the Netherlands, and with snow at Haparanda.

WEATHER AND SEA

In the west of France the wind is N.W.ly, in Germany S.W.ly, and in Sweden S.ly, while in Norway two distinct circulations of air are shown round the depressions lying over that country. Over Central France, Germany and the northern half of Scandinavia the thermometer is below 40°, the lowest readings reported being (1) 33° at Haparanda, and 36° at Christiansund, and (2) 36° at Lyons and 37° at Munich. The sea is rather rough on most parts of our western coasts, and also in the Straits of Dover, but is slight or smooth elsewhere.

During yesterday the thermometer rose to between 50° and 55° in most parts of England and Ireland; in the north of Scotland it did not reach 45°. More than 3 hours of bright sunshine were registered on the southeast coasts of England, and also at Birr Castle. In other parts of the country the duration was smaller; at many stations in the west and north of England there was none. Rain has fallen over Northwestern Europe generally, and rather heavily in some parts of England.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The new depression which has appeared off the west of Ireland will probably move eastwards, and will occasion further gales from between S.W. and N.W. on all our western and southern coasts. Rain will again set in over the whole of England, and some snow or sleet will be experienced in Scotland. The improvement in the weather in the rear of the disturbance is likely to be only temporary.

FORECASTS*

For the 24 hours ending at NOON on 17th November, 1906.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	Light winds from SE. and E, backing N.wds; cold, unsettled, some snow or sleet.
2 ENGLAND N.E. 3 ENGLAND EAST	Wind backing to the S.wd and increasing in force; squally, rainy.
4 MIDLAND COUNTIES 5 ENGLAND SOUTH	S.W.ly to W.ly or N.W.ly winds, increasing to a gale; squally and rainy to-day, improving temporarily to-morrow.
6 SCOTLAND WEST	S.ly winds, shifting later to the N.W.wd; rainy at first, sleet in places, then fair.
7 ENGLAND N.W. 8 ENGLAND S.W. 9 IRELAND NORTH 10 IRELAND SOUTH	S.W.ly to N.W.ly winds, increasing to a gale; mild, squally and rainy at first, finer later and colder.
WARNINGS	At noon yesterday to Districts 5 and 7 to 10, and at 3·10 p.m. to Districts 2 and 3, "Hoist South Cone."

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable at first from the Southward (from S.E. round by S. to S.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North Cone* is hoisted in preference to the *South Cone*.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South Cone* is hoisted in preference to the *North Cone*.

* For terms for transmission of Forecasts by Telegraph, see next page.

DAILY WEATHER REPORT. 16th November, 1906

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Blackpool, to 9 p.m. ...	50	42	or, c, bo	0·0	0·29	Eastbourne, to 6 p.m. ...	55	45	*	2·7	0·18
Southport, to 9 p.m.... ...	49	40	or, hq, c	0·0	0·43	Bexhill-on-Sea, to 9 p.m.	54	50	or, rq	3·5	–
Rhyl, to 6 p.m.	55	43	o, bc, r	2·0	0·17	Hastings	*	*	*	3·3	*
Llandudno, to 9 p.m. ...	54	46	bcpq	2·6	0·04	Folkestone, to 6 p.m. ...	53	36	o, b, bc, od	3·1	0·25
Bettws-y-Coed, to 6 p.m.	52	44	r	0·7	0·16	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m.	55	46	r, cp, o	1·4	0·36	Margate, to 6 p.m. ...	53	40	o, b, r	3·2	0·09
Aberystwyth, to 6 p.m. ...	52	45	r, o, c	2·0	0·18	Lowestoft, to 6 p.m. ...	52	42	o, c, or	2·7	–
Plymouth, to 9 p.m. ...	53	40	orq, b	0·0	0·20	Skegness	48	43	bc, r	0·3	0·12
Torquay, to 6 p.m.	54	42	*	0·0	0·16	Scarborough, to 6 p.m. ...	47	40	*	0·0	0·16
Bournemouth, to 6 p.m. ...	53	43	*	1·8	0·12	Harrogate, to 6 p.m. ...	45	43	o, r	0·0	0·31
Bognor, ...	*	*	?	3·3	*	Darwen, to 9 p.m.	47	37	omr, cw	0·0	0·77
Worthing	53	44	o, c, r	3·1	0·30	Manchester, to 9 p.m. ...	49	43	r, o, d, o	0·0	0·34
Brighton	54	45	*	3·2	0·03	Birmingham, to 9 p.m. ...	49	41	op, c	0·0	0·12

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS 15th Nov., 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins
St. Petersburg	23	18	o, o	–	Algiers ... 15th Nov., 1906 ...	68	54	b, bc	–
Utrecht...	50	36	o, m	–	Tunis	64	50	f, bc	–
Groningen	50	39	o, o	–	Madeira (Funchal)	not	rec'd.		
Vienna	45	25	b, b	–					
Florence	53	38	b, b	–	Geneva ... 14th Nov., 1906 ...	1 p.m. 41	*	1 p.m. m	Measured 7 a.m. –
Rome	58	41	b, b	–	Berne	37	*	o	–
Naples	59	47	b, b	–	Coire	37	*	b	–
Palermo	67	49	b, o	0·24	Castasegna...	41	*	b	–
Brindisi	59	51	b, b	–	Lugano	50	*	b	–
Malta	not	rec'd.			Davos...	36	*	b	–

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (,, ,,)	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

16th Nov., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7·17	11·38	3·59
Greenwich	7·21	11·45	4·9
Wick	8·5	11·57	3·49
Valencia	8·4	12·26	4·48

TERMS OF SUBSCRIPTION for the Daily Weather Report forwarded by Book Post, £1 per annum *payable quarterly in advance.*

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FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (*Director*).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Saturday, **Meteorological Office, London.** 17TH NOVEMBER, 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max.	Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda	29.49	34	S	2	r	29.53	+.01	32	32	−1	Z	0	r	*	36	32	*	*	0.39
	Hernösand	29.39	38	Z	0	r	29.36	−.11	35	34	−3	NE	2	r	*	39	34	*	*	0.20
	Stockholm	29.25	39	SSE	2	r	29.24	−.35	36	35	−5	WSW	2	m	*	43	36	*	*	0.16
	Wisby	29.27	41	S	4	r	29.35	−.28	41	39	−1	W	8	o	*	45	39	*	*	0.20
	Karlstad	29.21	38	SE	2	r	29.32	−.15	36	35	−6	NE	2	r	*	*	*	*	*	0.32
	Færder (X'iania Fjord)	29.24	40	WNW	2	b	29.32	−.04	39	37	−4	NNW	4	o	2	43	37	*	*	0.35
	Bodö	29.39	36	E	4	r	29.50	+.17	33	33	−4	E	2	o	1	37	32	*	*	0.04
	Christiansund ...	29.45	35	W	1	o	29.43	+.04	33	32	−3	SE	1	bc	3	39	32	*	*	0.12
	Skudesnaes ...	29.44	37	N	4	c	29.34	−.08	32	31	−10	NE	2	b	2	42	32	c	*	—
BRITISH ISLANDS.	Sumburgh Head	29.46	37	N	2	o	29.23	−.24	38	37	+3	E	4	o	5	38	34	c, o	*	0.05
	Stornoway	29.40	39	Z	0	bc	29.05	−.55	39	38	−1	SE	2	o	2	41	32	o, bc	0.0	0.01
	Malin Head ...	29.21	50	WNW	7	ogmp	29.04	−.55	44	44	+3	WNW	5	tm	5	50	38	r, ogpm	*	0.57
	Blacksod Pt. ...	29.42	51	SW	6	ogmdp	29.14	−.34	45	43	−8	SW	5	ogmdp	4	53	44	ogmdp	*	0.29
	Valencia	29.67	52	WSW	6	omg	29.38	−.36	49	44	−5	WSW	7	bc	6	55	45	odpm, og	0.0	0.12
	Roche's Point ...	29.62	53	WNW	4	o	29.35	−.37	44	43	−10	WNW	3	ogp	2	57	43	o	*	0.02
	Birr Castle ...	29.50	50	W	4	c	29.24	−.37	45	43	−1	WSW	4	or	*	55	42	or, c	0.0	0.27
	Donaghadee ...	29.31	51	WSW	4	c	29.14	−.58	45	45	+5	SSW	3	c	2	51	38	dm, cgm	*	0.18
	Liverpool Obsy...	29.40	51	WSW	6	o	29.25	−.56	48	45	+5	SW	3	o	3	53	41	or	*	0.19
	Holyhead	29.42	52	W	4	cmp	29.24	−.53	50	47	+6	WSW	5	c	4	53	43	dmz, cp	*	0.52
	Pembroke (St. Ann's Hd.)	29.57	53	W	6	o	29.32	−.50	50	48	+2	SW	7	rqm	6	55	47	oqp	0.0	0.21
	Scilly (St. Mary's) ...	29.77	53	WNW	6	o	29.53	−.43	51	51	+1	WSW	7	r	5	54	48	r, m, o	0.0	0.41
	Jersey (St. Aubins) ...	29.80	53	WSW	6	o	29.70	−.37	54	53	+6	WSW	5	omr	5	54	46	omr, q	0.0	0.27
	Portland Bill ...	29.59	55	WSW	8	o	29.53	−.44	54	52	+4	WSW	8	rq	6	56	47	r, o	*	0.10
	Dungeness	29.53	52	SW	7	r	29.51	−.43	53	50	+9	WSW	6	c	5	53	43	r	0.2	0.24
	Wick	29.39	41	S	3	r	29.08	−.46	41	40	+5	S	4	r	4	45	34	—	*	0.25
	Nairn	?29.39	35	Z	0	o	29.03	−.59	36	36	+1	E	1	o	1	40	29	—	0.4	0.01
	Aberdeen	29.42	36	NW	1	c	29.05	−.57	44	43	+7	SE	5	r	3	44	34	bc, c, or	2.2	0.15
	Leith	29.36	43	S	1	o	29.02	−.62	43	42	+1	WSW	1	tm	*	44	39	r, o	*	0.32
	North Shields ...	29.37	42	SE	3	r	29.13	−.58	47	46	+6	S	1	m	2	47	38	r	*	0.30
	Spurn Head ..	29.35	44	SSE	5	r	29.25	−.52	49	46	+8	SW	5	opq	4	49	40	r, pq	*	0.26
	Yarmouth	29.45	46	SSW	5	r	29.37	−.44	50	48	+11	SW	4	c	3	50	39	o, r	*	0.34
	Clacton-on-Sea ...	29.50	48	SW	5	r	29.46	−.44	48	47	+8	WSW	4	c	3	52	40	c, or, c	0.0	0.37
	Nottingham ...	29.40	48	WSW	1	dm	29.30	−.53	48	46	+7	WSW	3	cm	*	52	40	rm, bm	0.0	0.24
	Bath	29.55	54	SW	6	r	29.44	−.49	51	48	+7	SW	4	r	*	55	43	—	0.0	0.11
	Oxford	29.51	52	SW	3	o	29.43	−.50	50	45	+9	SW	3	o	*	54	41	or, o	*	0.17
	London (St. James' Park)	29.52	53	SW	3	opd	29.47	−.46	50	47	+9	SW	4	c	*	54	41	r, o	0.0	0.27
GERMANY, &c.	The Scaw (Skagen)	29.31	40	WNW	4	b	29.33	−.12	38	35	−5	Z	0	b	0	45	37	*	*	0.20
	Fanö	29.50	44	NW	4	b	29.36	−.11	42	41	0	SE	1	o	*	45	41	*	*	0.16
	Cuxhaven	29.63	44	SW	5	o	29.36	−.11	42	41	0	S	2	rf	*	48	41	*	*	0.12
	The Helder ...	29.60	44	S	3	r	29.42	−.29	52	50	+2	WSW	4	o	5	52	41	*	*	0.24
	Brussels	*	*	*	*	*	29.63	−.25	50	47	+5	SW	6	o	*	52	39	*	*	0.32
	Berlin	29.75	45	SSW	2	o	29.49	−.21	42	41	+4	SSW	3	o	*	46	37	*	*	0.12
	Frankfurt	29.84	45	SW	3	o	29.68	−.17	48	46	+9	SW	5	r	*	48	34	*	*	0.35
	Munich	30.03	42	SW	3	o	29.87	−.17	46	44	+9	SW	6	o	*	46	37	*	*	0.04
FRANCE.	C. Gris Nez ...	29.58	46	SW	7	r	29.57	−.36	53	49	+7	WSW	6	o	6	?	?	*	*	0.28
	Brest	29.86	55	WSW	7	r	29.75	−.34	55	54	+4	SW	6	o	6	?	?	*	*	0.08
	Lorient	29.92	55	W	5	r	29.85	−.27	55	54	+5	WSW	5	f	7	55	48	*	*	0.16
	Rochefort	30.11	?54	WSW	4	b	30.03	−.14	56	55	+6	WSW	5	r	*	56	?	o, b	*	0.12
	Biarritz	30.26	57	WSW	3	o	30.19	−.06	59	57	+6	WSW	4	o	3	?59	?53	*	*	0.20
	Paris	29.91	46	SSW	4	r	29.80	−.22	51	50	−10	SSW	3	o	*	53	?41	*	*	0.12
	Belfort...	30.06	44	W	4	f	29.89	−.18	47	45	+8	SW	7	r	*	?	?	*	*	0.12
	Lyons	30.16	43	SSE	1	o	30.09	−.11	45	44	+9	SE	1	o	*	45	?36	*	*	0.08
	Nice	30.09	46	E	1	o	30.06	−.09	44	43	−1	E	1	c	3	55	45	*	*	—
	Perpignan	30.19	54	NE	1	o	30.21	−.06	49	46	+8	SW	1	o	*	60	?41	*	*	—
SPAN. PEN.	Corunna																	*	*	
	Lisbon														*			*	*	
	Azores (P. Delgada)...	30.49	63	ENE	2	bc	30.41	−.09	59	55	−1	NNE	2	c	3	66	57	*	*	—
	,, (Horta) ...	30.49	63	SSW	3	o	30.43	−.13	60	58	−1	NW	1	o	2	68	59	*	*	—

NOTES:—(a) *At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + ·03 in., but for Sumburgh Head + ·04 in.; for stations South of Malin Head and North Shields + ·02 in., but for Scilly and Jersey + ·01 in.*

(b) *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

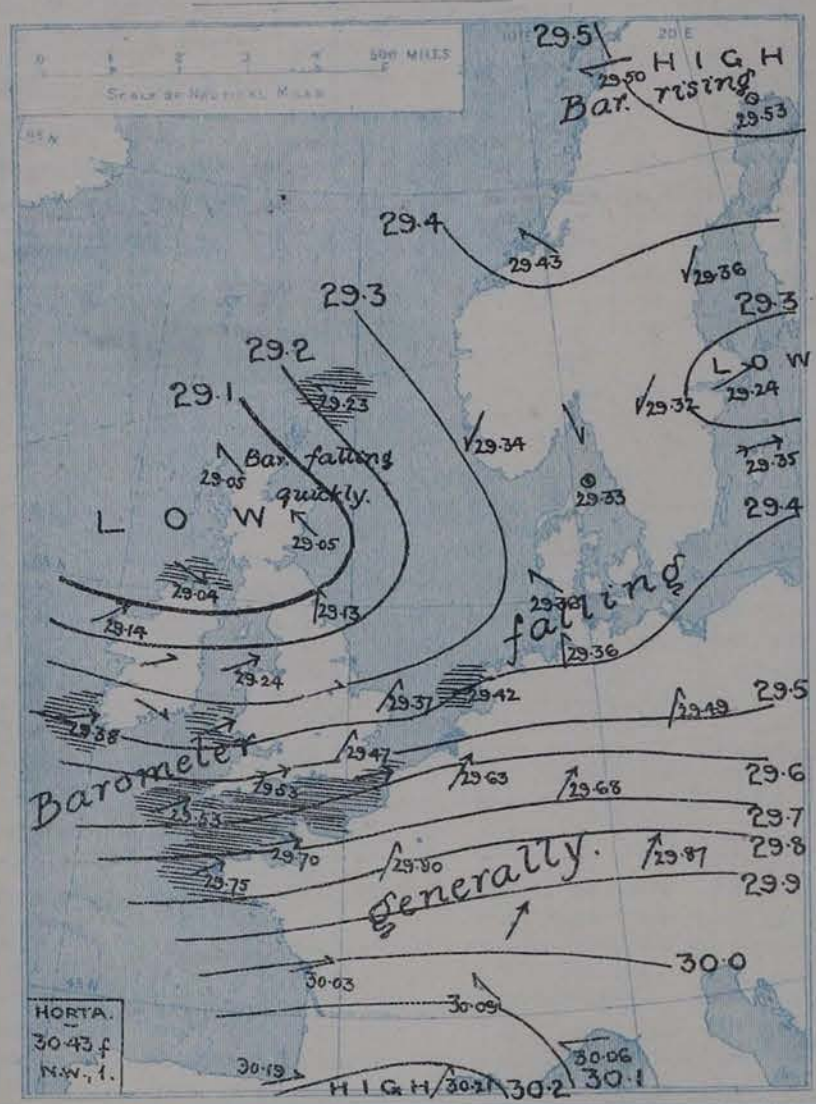
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR Saturday, 17th NOVEMBER, 1906.

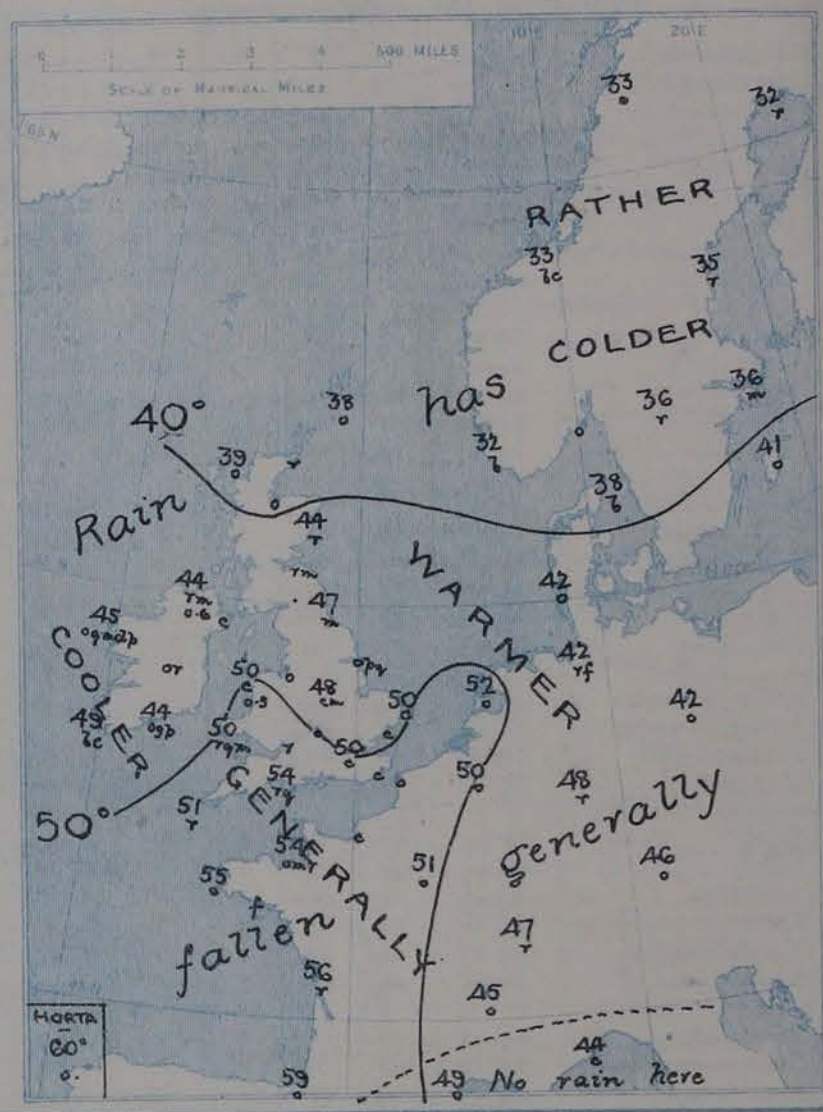
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 — *Force 5 to 7* — *Force 8 to 10* — *Force 1 to 4* — Calm
SEA.—Rough — *High*



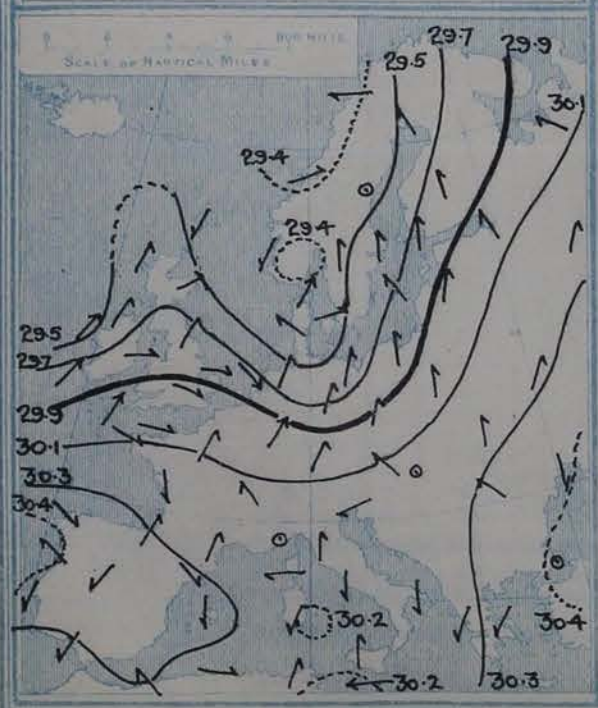
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6



III. BAROMETER AND WIND

Yesterday morning.

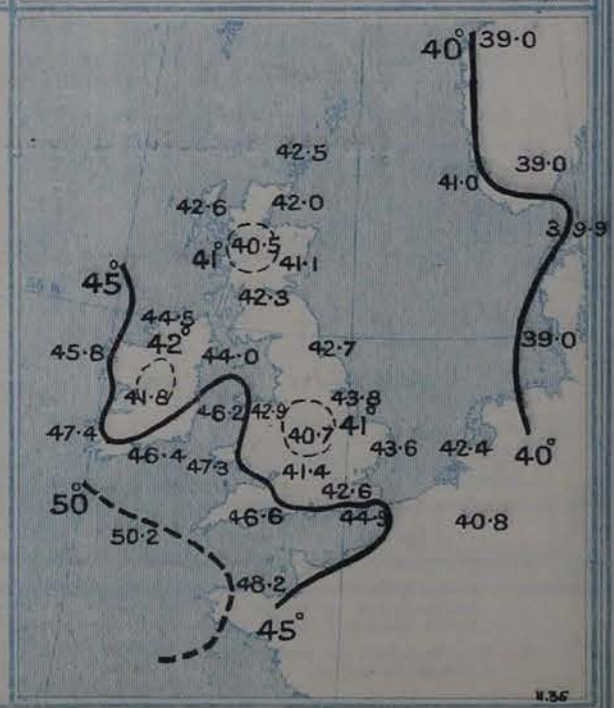


IV. BRIGHT SUNSHINE IN 1906.

Total Duration recorded in various districts of the United Kingdom in the 45 weeks ended Saturday 10th Nov. with the percentage of the average duration for the corresponding period.

V. *Averages of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* NOVEMBER.

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The depression noticed off the west of Ireland yesterday morning has moved slowly in an E.N.E. direction, its centre being now situated over Central Scotland, where the barometer is apparently below 29.0 ins. Another low pressure system is passing eastwards across the northern part of the Baltic, and the barometer is falling over Western Europe generally. The highest pressures, 30.2 ins. and upwards, are still found over the Spanish Peninsula and the extreme south of France.

WIND

The wind circulates round the northern low pressure system, being S.W.^{ly} or W.^{ly} over Ireland, England, France, Germany and the Netherlands, and strong to a gale in force on our own south and southwest coasts, but S.E.^{ly} in the north of Scotland, and E.^{ly} in the Shetlands and the west of Norway. In Sweden a separate circulation is shown round the depression in that region. The increase in the strength of the S.W.^{ly} wind has been accompanied in most places by a decided rise of temperature, and over England, France, and the Netherlands

TEMPERATURE

the readings are now considerably above the average. At our own southern stations the thermometer is above 50°, while in the west of France it is above 55°. In Ireland the thermometer has fallen to about the normal, while in the north of Scotland the readings (36° to 41°) are below the average. Slight frost prevails at some of the Scandinavian stations.

WEATHER AND SEA

The weather is in a cloudy, unsettled state over Western Europe generally, with rain in many places, the only region in which the sky is at all clear being the west of Norway. The sea is rough or rather rough on most parts of our western and southern coasts, and also in the neighbourhood of the Shetlands.

During yesterday the thermometer rose to between 50° and 55° at most of the English and Irish stations, and to 57° at Roche's Point. In Scotland it did not reach 45°, and at Nairn the maximum reading was only 40°. At a large majority of our stations there was a complete absence of bright sunshine. Rain has fallen over the whole of Northwestern Europe, the largest amounts reported being 0.6 in. at Malin Head and 0.5 in. at Holyhead.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of any material change in the distribution of pressure. The depression over Scotland is not likely to change its position much within the ensuing 24 hours. Secondary disturbances will probably continue to pass across Ireland and England, and the weather is likely to remain unsettled in all districts, with strong winds or gales from the S.W.rd and W.rd on many parts of our western and southern coasts.

FORECASTS*

For the 24 hours ending at NOON on 18th November, 1906.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	E.^{ly} and S.E.^{ly} winds, strong in places; unsettled, rain at times.
2 ENGLAND N.E. 3 ENGLAND EAST 4 MIDLAND COUNTIES	S.W.^{ly} winds, moderate or fresh; unsettled, rain at times; rather cooler.
5 ENGLAND SOUTH	S.W.^{ly} to W.^{ly} winds, strong to a gale on coast; unsettled, rain at times; cooler.
6 SCOTLAND WEST	S.W.^{ly} and W.^{ly} winds, moderate; unsettled, rain at times.
7 ENGLAND N.W. 8 ENGLAND S.W. 9 IRELAND NORTH 10 IRELAND SOUTH	S.W.^{ly} to W.^{ly} winds, strong to a gale; squally, showery; rather cooler.
WARNINGS	At 7.15 p.m. yesterday to Districts 2, 3, 5, and 7 to 10, "Keep up Cone."

Note.—The **South Cone**, *point downwards* (▽), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (△), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

DAILY WEATHER REPORT. 17th November, 1906

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Blackpool, to 9 p.m. ...	51	40	r, ow	0·0	0·32	Eastbourne, to 6 p.m. ...	51	41	*	0·0	0·52
Southport, to 9 p.m.... ...	51	40	orq, o	0·0	0·36	Bexhill-on-Sea, to 9 p.m.	54	42	c, r, q	0·4	0·45
Rhyl, to 6 p.m.	54	41	?	0·0	0·25	Hastings	*	*	*	0·3	*
Llandudno, to 9 p.m. ...	52	42	orq	0·0	0·37	Folkestone, to 6 p.m. ...	52	39	b, c, o	0·3	0·46
Bettws-y-Coed, to 6 p.m.	55	40	r, c, r	0·0	0·68	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m.	54	44	r	0·0	1·25	Margate, to 6 p.m. ...	50	41	rq, o	0·0	0·25
Aberystwyth, to 6 p.m. ...	53	42	r, o, c	? 0·0	0·10	Lowestoft, to 6 p.m. ...	47	37	or, c, or	0·7	0·40
Plymouth, to 9 p.m. ...	54	43	orq, bc	0·0	0·14	Skegness	44	36	c, r	0·0	0·28
Torquay, to 6 p.m.	55	41	*	0·0	0·07	Scarborough, to 6 p.m. ...	46	36	*	0·0	0·07
Bournemouth, to 6 p.m. ...	54	42	*	0·0	0·06	Harrogate, to 6 p.m. ...					
Bognor, ...	*	*	c, r	0·0	*	Darwen, to 9 p.m.	49	35	omr, omq	0·0	0·63
Worthing	53	39	o, r, mw	0·0	0·35	Manchester, to 9 p.m. ...	52	37	or	0·0	0·08
Brighton	53	40	*	0·0	0·31	Birmingham, to 9 p.m. ...	52	39	co, b	0·0	0·26

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS 16th Novr., 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins
St. Petersburg	28	19	s, b	–	Algiers 16th Novr., 1906.	66	54	bc, b	–
Utrecht...	46	37	r, bc	0·32	Tunis	66	45	c, c	–
Groningen	48	37	r, o	0·24	Madeira (Funchal)	not	rec.,		
Vienna	39	27	b, b	–		1 p.m.		1 p.m.	Measured 7 a.m.
Florence	54	34	b, o	–	Geneva 15th Novr., 1906.	39	*	bc	–
Rome	56	47	o, o	–	Berne	37	*	m	–
Naples	56	46	b, b	–	Coire	39	*	b	–
Palermo	64	46	b, b	–	Castasegna...	not	rec.*		
Brindisi	58	45	b, b	–	Lugano	48	*	b	–
Malta	64	57	r	0·32	Davos...	34	*	b	–

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (,, ,,)	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM. TO-DAY.

17th Novr., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7·19	11·38	3·57
Greenwich	7·23	11·45	4·7
Wick	8·7	11·57	3·47
Valencia	8·6	12·26	4·46

TERMS OF SUBSCRIPTION for the Daily Weather Report forwarded by Book Post, £1 per annum *payable quarterly in advance.*

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FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (*Director*).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Sunday, **Meteorological Office, London.** *18th November,* 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max	Temp. Min.	Weather.	Sun. shine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	29.52	27	N	2	b	29.54	+.01	19	19	-.13	NNE	2	o	*	36	?	*	*	–
	Hernösand	29.39	33	NE	2	s	29.39	+.03	34	32	-1	E	2	s	*	39	32	*	*	0.08
	Stockholm	29.34	35	NW	2	c	29.27	+.03	32	31	-4	NNE	4	o	*	39	32	*	*	0.04
	Wisby...	29.37	38	WSW	6	*b	29.19	-.25	43	42	+2	E	4	r	*	43	37	*	*	0.20
	Karlstad	29.34	35	Z	0	b	29.27	-.05	34	33	-2	NE	2	s	*	*	*	*	*	–
	Færder (X'iania Fjord)	29.26	40	ESE	4	o	29.19	-.13	35	35	-4	NE	6	o	3	41	35	*	*	0.28
	Bodö	29.47	32	E	4	c	29.46	-.04	34	33	+1	E	2	c	1	34	30	*	*	–
	Christiansund ...	29.25	37	E	1	b	29.22	-.21	36	32	+3	ENE	4	b	3	37	32	*	*	–
	Skudesnaes ...	29.45	41	ESE	8	o	29.04	-.30	41	39	+9	ESE	8	o	4	43	32	b.o	*	0.24
BRITISH ISLANDS.	Sumburgh Head	28.98	38	E	4	c	28.83	-.40	43	41	+5	ENE	4	o	5	43	37	c	*	0.18
	Stornoway	28.87	38	Z	0	o	28.92	-.13	41	40	+2	E	4	o	4	45	35	c.o.r	0.4	0.65
	Malin Head ...	28.99	43	W	7	crq	29.01	-.03	37	37	-7	SW	5	cp	5	47	34	crq	*	0.13
	Blacksod Pt. ...	29.19	40	SW	6	ogbpm	29.01	-.13	38	37	-7	SE	4	cm	4	46	34	ogbpm	*	0.26
	Valencia	29.38	46	W	5	cp	29.08	-.30	38	37	-11	S	2	ogp	5	50	38	cgp.o	3.6	0.18
	Roche's Point ...	29.39	45	WNW	4	b	29.12	-.23	38	37	-6	NNW	1	bc	2	51	37	gp.b	*	0.03
	Birr Castle ...	29.29	39	W	3	bc	29.10	-.14	32	31	-13	Z	0	b	*	47	30	cp.bc	4.2	0.25
	Donaghadee ...	29.08	42	WSW	2	bc	29.07	-.07	32	31	-13	SW	3	b	2	47	31	bcgp.l	*	0.05
	Liverpool Obsy...	29.17	45	WSW	6	b	29.12	-.13	37	36	-11	SE	2	o	?	49	36	p.b	*	0.07
	Holyhead	29.20	44	WNW	7	bcgp	29.07	-.17	41	38	-9	S	1	c	1	49	38	bcgp	*	0.08
	Pembroke (St. Ann's Hd.)	29.34	49	WSW	7	o	29.11	-.21	41	39	-9	NW	2	cp	5	51	39	cg.bcp	3.4	0.40
	Scilly (St. Mary's) ...	29.57	50	W	7	cq	29.19	-.34	49	47	-2	WNW	6	cq	6	53	48	c.cq	4.1	0.22
	Jersey (St. Aubins) ...	29.61	51	W	6	c	29.33	-.37	49	46	-5	SW	6	bc	5	57	48	org.cp	0.4	0.10
	Portland Bill ...	29.45	51	WSW	8	b	29.18	-.35	48	47	-6	WSW	6	c	5	55	?	bc.b.q	*	0.35
	Dungeness	29.40	49	SW	7	b	29.28	-.23	49	47	-4	SW	5	c	6	55	45	r.b	0.1	0.77
	Wick	28.82	41	E	8	r	28.73	-.35	43	41	+2	E	2	c	6	44	39	–	*	0.35
	Nairn	28.80	39	W	2	r	28.79	-.24	33	32	-3	WSW	3	ots	2	39	33	–	0.0	0.98
	Aberdeen	28.82	37	WSW	1	b	28.86	-.19	37	35	-7	SSW	2	c	2	45	35	or.bc.b	2.2	0.18
	Leith	28.91	43	WSW	4	c	28.98	-.04	38	35	-5	SW	4	bc	*	49	35	p.c	*	0.03
	North Shields ...	28.96	45	WSW	3	c	29.08	-.05	35	33	-12	SSW	3	bc	2	49	32	c.bc	*	0.04
	Spurn Head ..	29.10	46	WSW	5	b	29.17	-.08	40	39	-9	SSW	4	bc	3	50	39	rq.b	*	0.04
	Yarmouth	29.19	48	W	5	o	29.24	-.13	40	39	-10	SW	4	b	3	50	39	o	*	0.14
	Clacton-on-Sea ...	29.34	47	SW	4	c	29.27	-.19	45	44	-3	SSW	3	bc	2	50	44	c.or.bc	0.0	0.27
	Nottingham ...	29.20	45	WSW	3	b	29.17	-.13	39	38	-9	SW	1	cm	*	49	37	cp.b	1.0	0.08
	Bath	29.40	41	SW	5	r	29.15	-.29	42	41	-9	SW	2	c	*	52	38	–	2.1	0.29
	Oxford	29.39	45	WSW	3	b	29.19	-.24	40	39	-10	S	1	bc	*	50	38	or.bcq	*	0.15
	London (St. James' Park)	29.37	48	WSW	5	bcq	29.24	-.23	42	42	-8	SW	1	b	*	52	40	org.bc	0.1	0.27
GERMANY, &c.	The Scaw (Skagen)	29.15	43	ESE	5	r	29.09	-.24	42	41	+4	SW	3	b	1	43	37	*	*	0.35
	Fanö	29.04	46	SE	4	r	29.26	-.10	45	44	+3	WSW	4	c	*	46	41	*	*	0.43
	Cuxhaven	29.23	47	SSW	6	r	29.42	+.06	45	44	+3	SW	4	op	*	50	42	*	*	0.20
	The Helder ...	29.19	50	W	8	c	29.34	-.08	49	45	-3	SW	3	o	3	50	48	*	*	0.32
	Brussels	*	*	*	*	*	29.44	-.19	44	43	-6	SSW	4	o	*	56	42	*	*	0.20
	Berlin	29.47	49	SSW	3	r	29.58	+.09	42	40	0	SSW	2	b	*	50	41	*	*	0.08
	Frankfurt	29.54	55	SW	6	o	29.58	-.10	46	45	-2	SW	3	o	*	55	43	*	*	0.16
	Munich	29.77	53	SW	6	r	29.75	-.12	42	41	-4	S	2	c	*	54	41	*	*	–
FRANCE.	C. Gris Nez ...	29.44	51	SW	7	b	?	?	48	46	-5	SW	6	r	6	55	45	*	*	2.21
	Brest	29.65	53	W	6	c	29.30	-.45	48	48	-7	WSW	7	c	7	55	45	*	*	0.28
	Lorient	29.73	52	W	5	o	29.41	-.44	50	49	-5	W	6	r	7	57	48	*	*	0.12
	Rochefort	29.86	55	SW	7	o	29.63	-.40	52	51	-4	SW	7	o	*	57	46	o	*	0.59
	Biarritz	30.06	58	W	3	o	29.83	-.36	55	55	-4	W	4	o	4	61	52	*	*	–
	Paris	29.64	54	SW	6	r	29.52	-.28	43	41	-8	SSW	3	o	*	58	43	*	*	0.28
	Belfort...	29.80	51	SW	6	o	29.64	-.25	49	45	+2	W	4	c	*	52	47	*	*	0.04
	Lyons	29.96	51	S	2	o	29.71	-.38	55	49	+10	S	5	c	*	55	45	*	*	0.04
	Nice	30.01	50	Z	0	bc	29.92	-.14	49	47	+5	Z	0	r	3	61	44	*	*	0.04
	Perpignan	30.06	50	E	1	b	29.76	-.45	42	42	-7	SW	2	o	*	64	41	*	*	–
SPAN. PEN.	Corunna	30.17	57	WSW	3	f	29.86	-.44	54	50	-1	SW	3	o	7	59	48	*	*	0.20
	Lisbon	30.15	54	N	4	b	30.04	-.25	55	55	+3	SW	3	o	*	57	52	*	*	–
	Azores (P. Delgada)...	30.38	60	NNW	1	c	30.32	-.09	60	55	+1	N	3	o	3	66	59	*	*	0.08
	,, (Horta) ...	30.38	60	WNW	1	b	30.34	-.09	60	58	0	Z	0	o	1	66	59	*	*	–

NOTES:—*(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + ·03 in., but for Sumburgh Head + ·04 in.; for stations South of Malin Head and North Shields + ·02 in., but for Scilly and Jersey + ·01 in.*

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* *Observations for this column not generally received.*

† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR Sunday, 18th NOVEMBER, 1906.

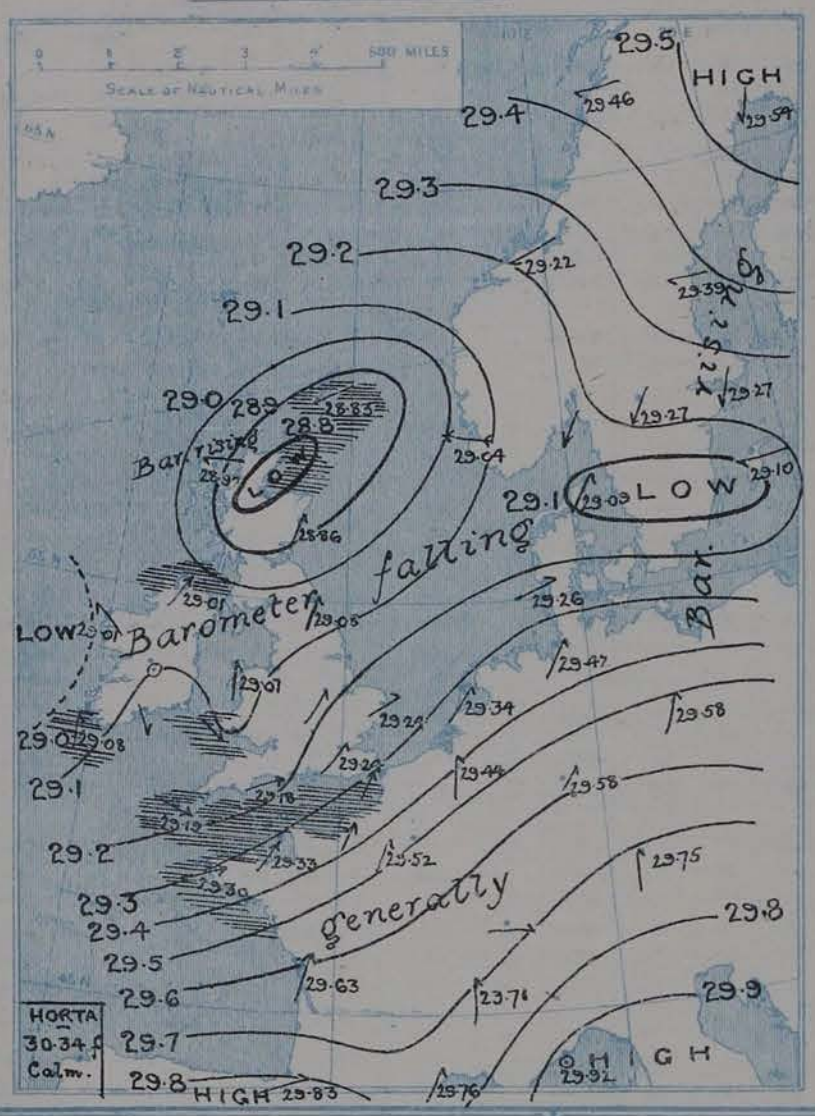
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 ; *Force 8 to 10* ; *Force 5 to 7* ; *Force 1 to 4* ; Calm ⊙

SEA.—Rough ; *High*

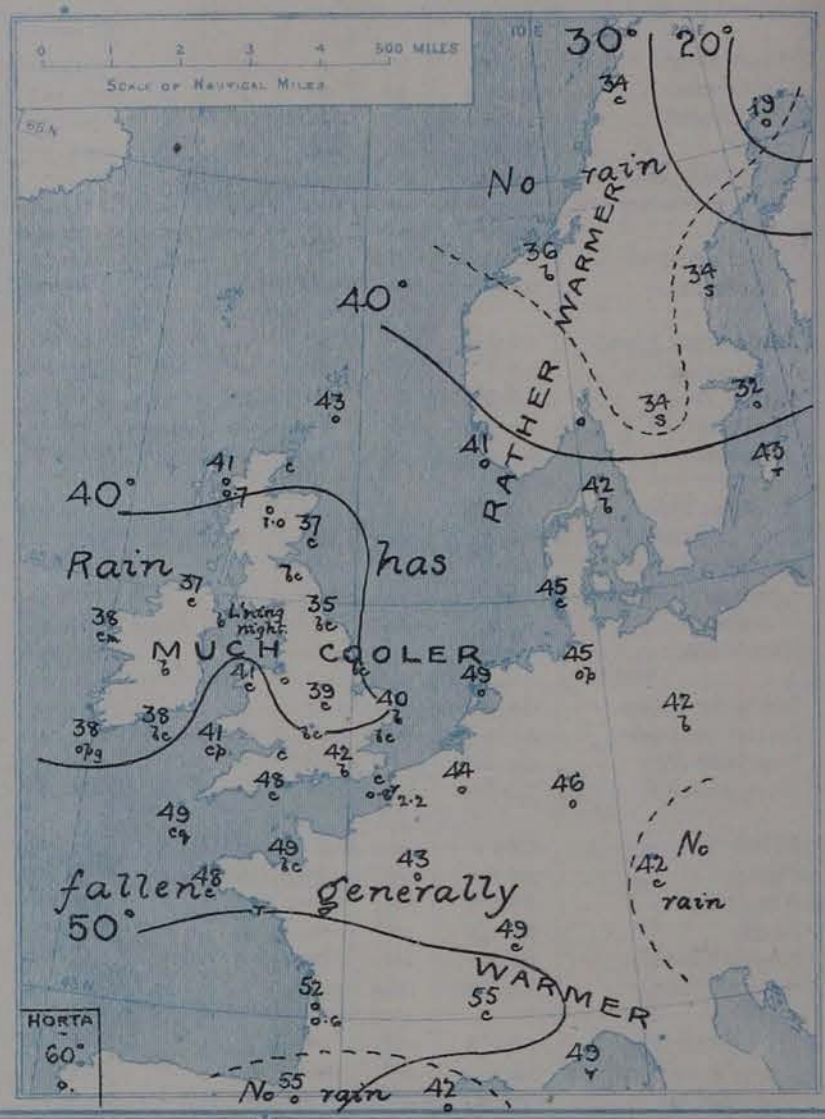


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°

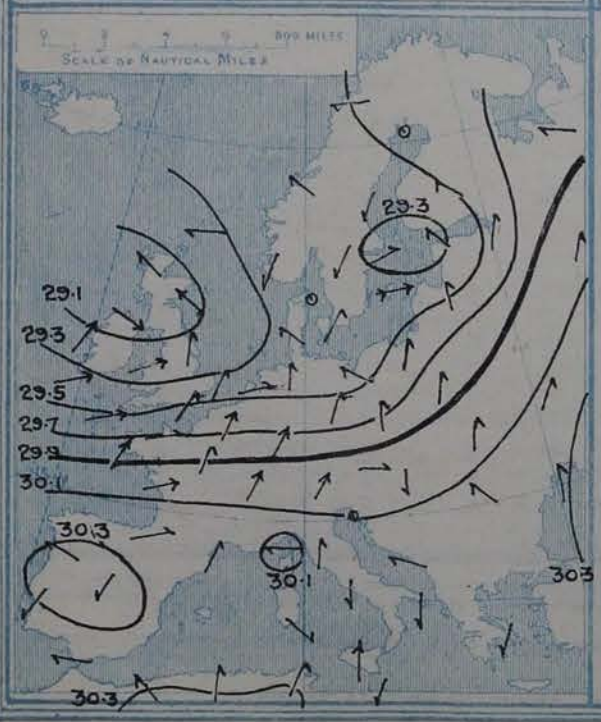
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0·6



III. BAROMETER AND WIND

Yesterday morning.



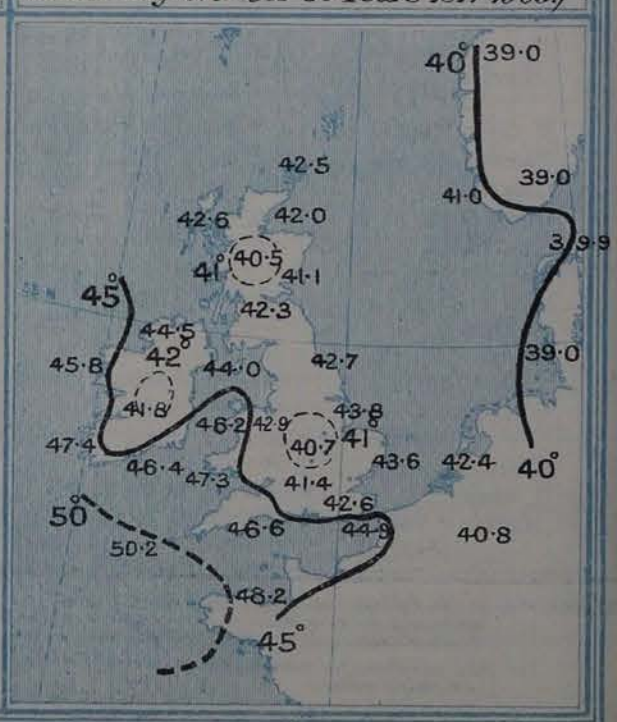
IV. ACCUMULATED TEMPERATURE ABOVE 42°.

Amount recorded in various districts of the United Kingdom during the week ended 10th NOVEMBER, 1906. with the percentage of the average for the corresponding week.

Accumulated values are expressed in Day-Degrees—a "Day Degree" signifying 1° continued for 24 hours, or any other number of degrees for an inversely proportional number of hours

V. *Averages of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* NOVEMBER.

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The distribution of pressure this morning is of a very complex character, the barometer being low over the whole of the region under observation. A depression, in which the mercury is below 29·1 ins., is centred across the south of Sweden; a second lies over the north of Scotland, barometer 28·73 ins at Wick; and a third is off the west of Ireland, barometer 29 ins. The highest barometer reading reported is 30·04 in. at Lisbon. The gradients are moderate to rather steep in various localities.

WIND

Northward of the northern low-pressure areas Easterly and North-Easterly winds prevail, while Westerly to South-Westerly are reported to the southward, and in Western Ireland Southerly and South-Easterly. The force varies greatly, moderate to very light in many places, fresh to very strong in others, a fresh gale at Skudesnes.

TEMPERATURE

Temperature has risen in the extreme north of Scotland, in Norway, Denmark, South-Eastern France and Portugal, fallen nearly everywhere else, decidedly at many stations. At home the values range from 32° at Donaghadee and Birr Castle, 33° at Nairn, and 35° at Shields to 48° or 49° along the English Channel; on the Continent from 19° at Haparanda, and 32° at Stockholm to 54° at Corunna and Oporto, and 55° at Lisbon, Biarritz and Lyons.

WEATHER AND SEA

The weather is in a most changeable condition, fine and clear in a few localities, mostly very cloudy or overcast, with showers in various parts of these Islands, rain at some of the French stations and at Wisby, sleet at Nairn, snow at Karlstad and Hernösand. A very high sea is running on the Bay of Biscay, and it is rough or rather rough along the Channel and generally on our western and northern coasts, moderate to smooth elsewhere.

Temperature rose yesterday to 57° at Jersey, 56° at Eastbourne, and 55° at Portland Bill, Dungeness and Margate, but at Nairn the maximum was only 39°. Rain fell everywhere, the amounts ranging up to 0·8 in. at Dungeness and 1 in. at Nairn, while on the French side of the Straits of Dover Cape Gris Nez had 2·2 ins. At the majority of stations there was no bright sunshine or less than an hour, but Birr Castle and Scilly had a little over 4 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS*

For the 24 hours ending at NOON on 19th November, 1906.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NONE ISSUED.	6 SCOTLAND WEST	NONE ISSUED.
1 SCOTLAND EAST		↑ 7 ENGLAND N.W.	
2 ENGLAND N.E.		↑ 8 ENGLAND S.W	
3 ENGLAND EAST		↑ 9 IRELAND NORTH	
4 MIDLAND COUNTIES		↑ 10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	At 7 p.m. yesterday to Districts 2, 3, 5, and 7 to 10 "Keep up Cone".

Note.—The **South Cone**, *point downwards* (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F Max.	Temperature F Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Blackpool, to 9 p.m. ...	51	43	ortu, c	0·7	0·16	Eastbourne, to 6 p.m. ...	56	49	*	0·4	0·63
Southport, to 9 p.m.... ...	49	43	oq, r, c	0·3	0·23	Bexhill-on-Sea, to 9 p.m.					
Rhyl, to 6 p.m.	54	42	or, bc, or	2·6	0·16	Hastings	*	*	*	0·2	*
Llandudno, to 9 p.m. ...	51	43	bcp, o	0·3	0·19	Folkestone, to 6 p.m ...	54	47	orth, o, b	0·1	0·23
Bettws-y-Coed, to 6 p.m.						Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m.	50	44	o, c, o	1·0	0·06	Margate, to 6 p.m. ...	55	41	r, b	0·1	0·27
Aberystwyth, to 6 p.m. ...	52	43	r, o, r	0·0	0·20	Lowestoft, to 6 p.m. ...					
Plymouth, to 9 p.m. ...	54	47	orq, bc	2·6	0·32	Skegness	49	45	c, r, c	0·0	0·03
Torquay, to 6 p.m.			*			Scarborough, to 6 p.m. ...			*		
Bournemouth, to 6 p.m. ...	54	45	*	1·7	0·29	Harrogate, to 6 p.m. ...	48	40	cp, rq	0·0	0·19
Bognor, ...	*	*	?	1·4	*	Darwen, to 9 p.m.					
Worthing	54	41	c, or, c, bc	0·8	0·43	Manchester, to 9 p.m. ...	52	42	or, bc	1·0	0·17
Brighton			*			Birmingham, to 9 p.m. ...	50	43	or, c	0·9	0·06

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS 17th Nov. 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins
St. Petersburg	36	28	b, r	–	Algiers ... 17 Nov. 1906	68	54	bc, b	–
Utrecht...	52	46	o, o	0·28	Tunis	66	48	c, c	–
Groningen	46	37	o, o	0·16	Madeira (Funchal)	Not	rec'd		
Vienna	37	32	f, f	–		1 p.m.		1 p.m.	Measured 7 a.m.
Florence	54	46	r, o	0·51	Geneva ... 16th Nov. 1906 ...	46	*	0	0·08
Rome	56	47	c, c	0·28	Berne	41	*	0	0·04
Naples	59	50	o, o	0·16	Coire	43	*	0	–
Palermo	68	47	b, f	–	Castasegna...	39	*	0	–
Brindisi	59	46	b, b	–	Lugano	45	*	0	–
Malta	63	58	bc	0·12	Davos...	37	*	0	–

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (,, ,,)	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

18th Nov. 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7·20	11·38	3·56
Greenwich	7·24	11·45	4·6
Wick	8·9	11·57	3·45
Valencia	8·7	12·26	4·45

TERMS OF SUBSCRIPTION for the Daily Weather Report forwarded by Book Post, £1 per annum *payable quarterly in advance.*

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (*Director*).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Monday, **Meteorological Office, London.** 19TH NOVEMBER, 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	29.60	18	2	0	c	29.73	+.19	13	12	−6	NNE	2	c	*	27	13	*	*	–
	Hernösand	29.55	31	E	2	0	29.62	+.23	31	30	−3	E	2	0	*	37	30	*	*	–
	Stockholm	29.46	37	ESE	2	r	29.50	+.23	34	34	+2	WNW	2	0	*	37	30	*	*	0.08
	Wisby...	29.48	44	W	2	b	29.47	+.37	40	39	−3	ESE	2	c	*	45	36	*	*	–
	Karlstad	29.38	38	SW	2	0	29.50	+.23	34	33	0	NE	2	0	*	*	*	*	*	0.08
	Færder (X'iania Fjord)	29.39	36	N	2	0	29.41	+.22	38	37	+3	E	3	0	2	?	?	*	*	0.04
	Bodö	29.53	30	E	2	0	29.58	+.12	31	30	−3	E	4	b	2	34	28	*	*	–
	Christiansund ...	29.29	37	ENE	1	bc	29.36	+.14	37	32	+1	ESE	1	b	2	39	36	*	*	–
	Skudesnaes ...	29.26	40	ESE	8	b	29.14	+.10	44	41	+3	E	8	0	4	?44	32	c, b	*	–
BRITISH ISLANDS.	Sumburgh Head	28.94	41	E	3	0	29.04	+.21	41	39	−2	E	5	r	6	43	39	r, 0	*	0.29
	Stornoway	29.03	42	E	7	r	29.16	+.24	41	41	0	NE	6	r	7	43	39	d, r	0.0	0.68
	Malin Head ...	29.00	44	WNW	6	crq	29.19	+.18	44	43	+7	NW	8	crhq	6	47	36	c, crq	*	0.36
	Blacksod Pt. ...	29.22	45	NNW	6	ogmdh	29.49	+.48	43	40	+5	NW	6	cq	5	46	37	c, ogmph	*	0.17
	Valencia	29.28	42	NW	3	cp	29.57	+.49	44	40	+6	NW	4	cq	5	45	38	bcq, cp	3.8	0.20
	Roche's Point ...	29.22	41	NNW	3	c	29.46	+.34	43	42	+5	NW	5	b	3	44	37	bc, c	*	–
	Birr Castle ...	29.16	38	W	3	bc	29.41	+.31	38	37	+6	W	4	bc	*	42	31	bc, r	4.0	0.09
	Donaghadee ...	29.03	36	W	2	r	29.14	+.07	44	43	+12	N	4	0	4	47	31	bcm, opqh	*	0.15
	Liverpool Obsy...	29.09	36	SW	1	b	29.10	−.02	40	39	+3	SW	2	r	2	41	31	omp	*	0.13
	Holyhead	29.07	39	NW	1	chp	29.11	+.04	43	42	+2	N	8	r	6	46	37	o, chp	*	0.81
	Pembroke (St. Ann's Hd.)	29.12	41	NNW	2	bc	29.26	+.15	45	42	+4	NNW	7	oq	6	46	39	hp, cp	1.5	0.27
	Scilly (St. Mary's) ...	29.15	47	WNW	5	op	29.38	+.19	46	43	−3	NW	7	c	6	49	45	r, oqp	2.7	0.13
	Jersey (St. Aubins) ...	29.18	46	WSW	4	0	29.28	−.05	45	43	−4	WNW	5	c	5	51	42	cdp, oprhq	0.7	0.23
	Portland Bill ...	29.12	45	WNW	3	b	29.17	−.01	45	43	−3	WNW	6	cq	5	50	41	c, b	*	0.05
	Dungeness	29.13	44	W	4	r	29.19	−.09	34	33	−15	WSW	2	bc	1	51	33	rq	1.0	0.70
	Wick	28.89	41	E	2	0	28.96	+.23	41	39	−2	NNE	4	r	4	45	37	–	*	0.50
	Nairn	28.94	38	WSW	2	0	28.98	+.19	40	38	+7	NW	5	r	3	40	32	–	0.0	0.56
	Aberdeen	28.95	38	SSW	2	c	28.92	+.06	35	35	−2	WNW	2	c	2	41	34	or, cp	0.0	0.14
	Leith	28.97	39	WSW	2	c	28.94	−.04	40	38	+2	WNW	3	c	*	42	36	c, p	*	0.02
	North Shields ...	29.01	38	SSW	1	0	28.98	−.10	36	34	+1	SW	2	cm	2	42	?35	–	*	–
	Spurn Head ..	29.00	43	WSW	3	0	29.07	−.10	34	34	−6	SW	3	c	3	46	33	op, b	*	0.01
	Yarmouth	29.07	45	SSW	4	c	29.13	−.11	33	33	−7	W	3	bf	3	47	33	o, c	*	–
	Clacton-on-Sea ...	29.10	45	SSW	5	c	29.18	−.09	34	34	−11	W	2	m	1	47	34	or, bcf	0.1	0.21
	Nottingham ...	29.06	38	NW	2	op	29.12	−.05	28	27	−11	WSW	1	f	*	45	28	om, op	0.0	0.05
	Bath	29.03	38	SW	1	b	29.19	+.04	36	35	−6	SW	1	m	*	47	30	–	2.0	0.05
	Oxford	29.14	35	W	1	b	29.18	−.01	33	32	−7	SSW	1	0	*	47	28	b	*	–
	London (St. James' Park)	29.11	42	W	2	c	29.18	−.06	30	30	−12	Z	0	cf	*	47	29	bc, or, b	0.5	0.08
GERMANY, &c.	The Scaw (Skagen)	29.37	43	Z	0	b	29.35	+.26	44	43	+2	SE	4	0	1	45	41	*	*	–
	Fanö	29.30	40	SE	4	b	29.19	−.07	42	40	−3	ESE	6	c	*	46	39	*	*	–
	Cuxhaven	29.36	43	S	2	b	29.21	−.21	41	40	−4	S	5	oq	*	50	39	*	*	0.04
	The Helder ...	29.19	46	S	4	b	29.13	[illegible]	45	41	−4	W	3	c	2	49	43	*	*	0.28
	Brussels	*	*	*	*	*	29.27	−.17	38	37	−6	SSW	3	0	*	49	35	*	*	0.20
	Berlin	29.46	49	SSW	4	r	29.39	−.19	41	40	−1	SSW	2	c	*	52	41	*	*	0.20
	Frankfurt	29.47	44	SW	3	bc	29.33	−.25	44	43	−2	SW	3	r	*	52	43	*	*	0.12
	Munich	29.64	44	SW	3	0	29.30	−.45	40	38	−2	SE	4	0	*	54	37	*	*	–
FRANCE.	C. Gris Nez ...	29.14	45	SSW	5	r	29.19	–	41	39	−7	SSE	3	0	4	55	41	*	*	1.02
	Brest	29.18	43	W	4	0	29.24	−.06	46	45	−2	W	6	r	7	54	39	*	*	0.08
	Lorient	29.25	48	WNW	5	0	29.41	−.00	48	45	−2	NW	6	0	7	55	46	*	*	0.32
	Rochefort	29.36	48	SW	7	r	29.43	−.20	46	45	−6	NNW	7	0	*	57	45	r	*	0.63
	Biarritz																	*	*	
	Paris	29.31	48	SSW	4	0	29.31	−.21	37	36	−6	S	2	0	*	53	35	*	*	0.82
	Belfort...	29.58	41	WSW	3	0	29.41	−.23	39	37	−10	W	3	0	*	53	36	*	*	1.65
	Lyons	29.55	51	SSW	1	0	29.48	−.23	43	40	−12	SE	2	0	*	55	42	*	*	0.24
	Nice	29.75	51	W	2	b	?	–	53	52	+4	WSW	3	r	6	55	49	*	*	2.17
	Perpignan	29.54	52	S	4	c	29.59	−.17	44	41	+2	SW	1	bc	*	64	42	*	*	–
SPAN. PEN.	Corunna																	*	*	
	Lisbon	29.95	54	WNW	4		30.08	+.04	53	47	−2	WNW	3	bc	*	61	50	*	*	0.04
	Azores (P. Delgada)...	30.27	61	Z	0	0	30.20	−.12	61	56	+1	SW	1	c	2	64	59	*	*	–
	,, (Horta) ...	30.27	61	SW	3	0	30.14	−.20	64	60	+4	SW	5	0	2	64	60	*	*	–

NOTES:—(a) *At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + ·03 in., but for Sumburgh Head + ·04 in.; for stations South of Malin Head and North Shields + ·02 in., but for Scilly and Jersey + ·01 in.*

(b) *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR Monday, 19th NOVEMBER, 1906.

I. BAROMETER, WIND AND SEA. *This Morning.*

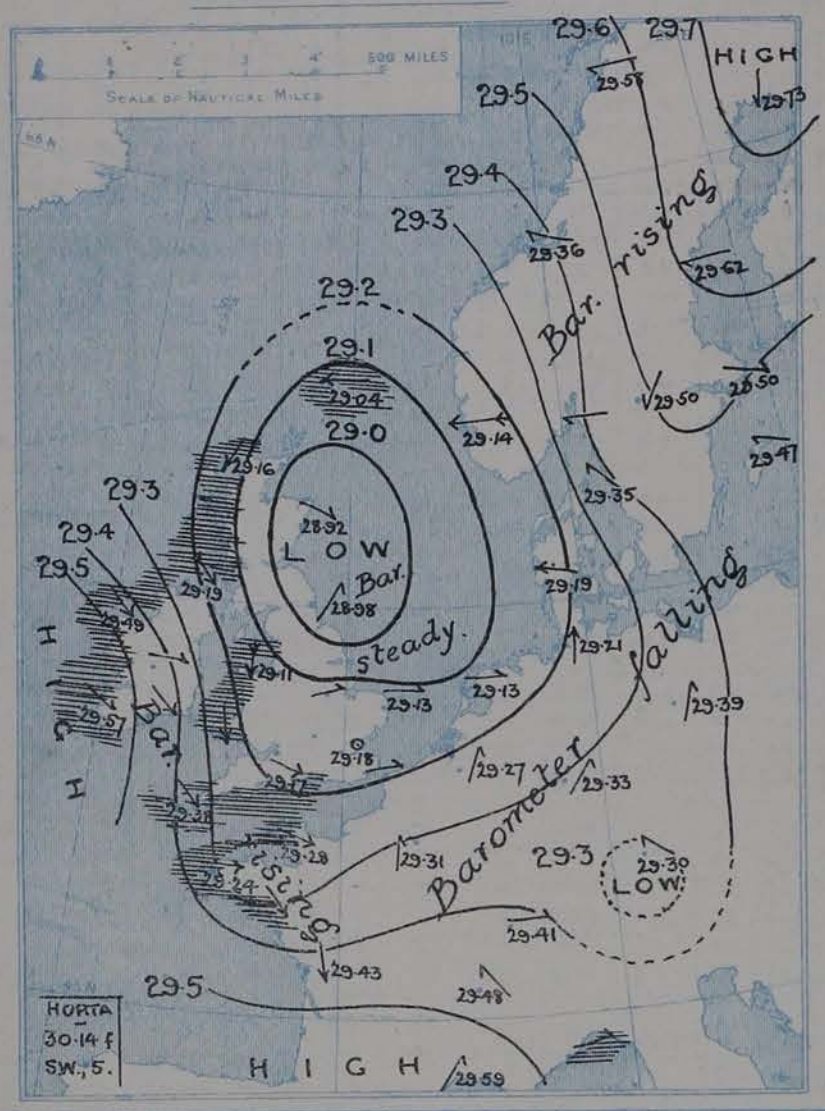
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 ⟶ : *Force 5 to 7* ⟶ } Calm ⊙

Force 8 to 10 ⟶ : *Force 1 to 4* ⟶

SEA.—Rough *High*

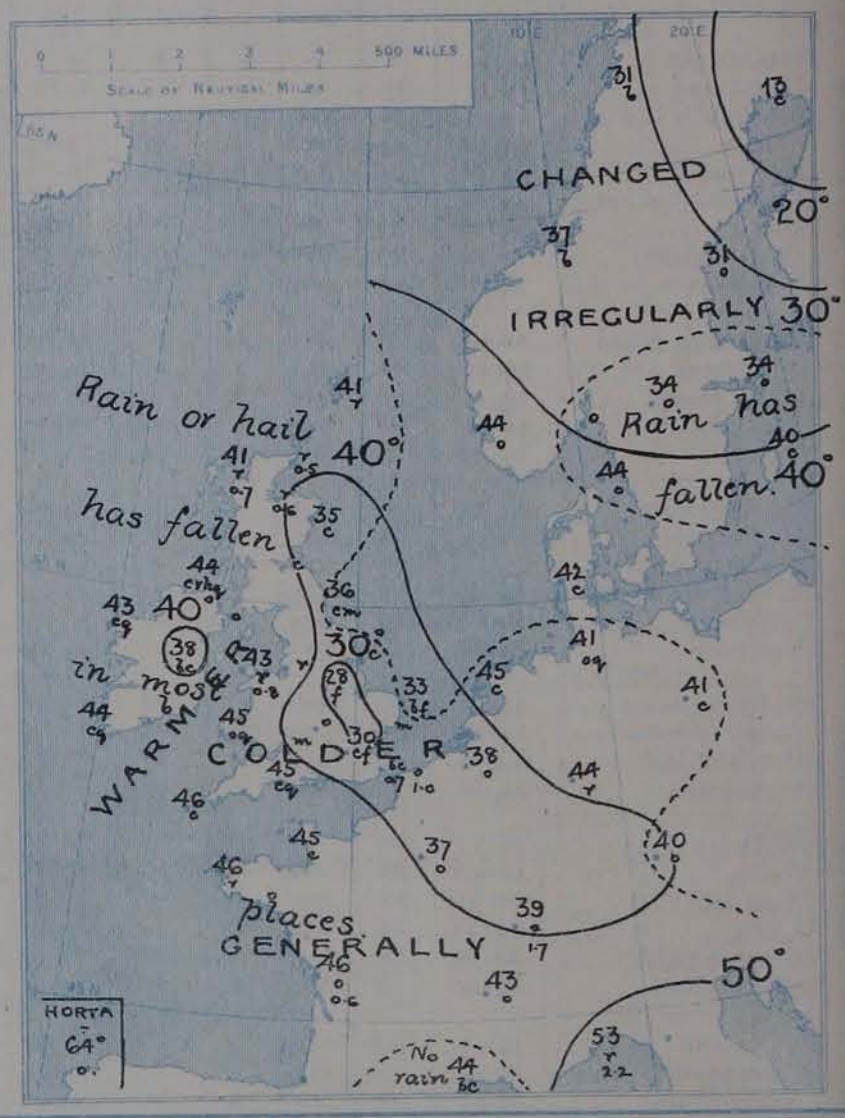


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0·6



III. BAROMETER AND WIND

Yesterday morning.

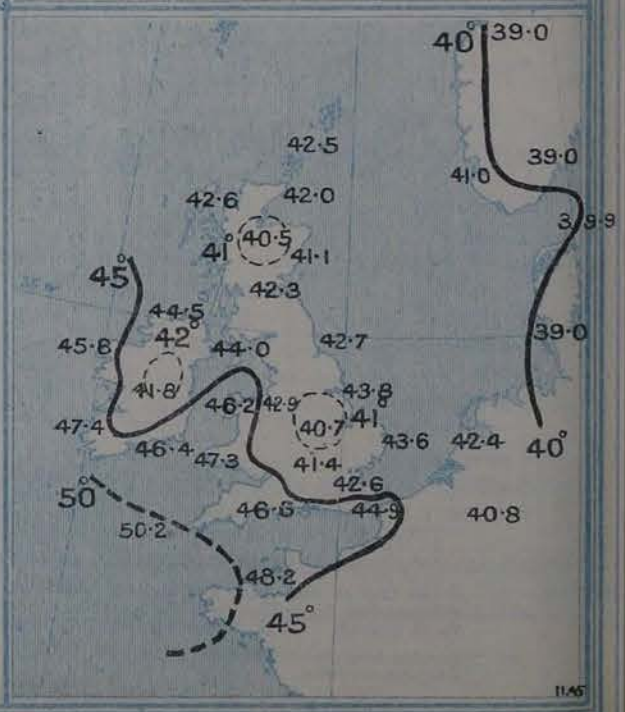
IV. ACCUMULATED TEMPERATURE ABOVE 42°.

Amount recorded in various districts of the United Kingdom during the week ended Sat. 10th Nov.*, with the percentage of the average for the corresponding week.*

Accumulated values are expressed in Day-Degrees—a "Day Degree" signifying 1° continued for 24 hours, or any other number of degrees for an inversely proportional number of hours.

V. *Averages of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* NOVEMBER.

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)



11.45

GENERAL SITUATION AT 8 A.M.

PRESSURE

The depression noticed yesterday over the north of Scotland has moved slowly S.wds, its centre being now found off the east of that country. The minimum pressures are apparently not lower than 28·9 ins., and are about 0·2 in higher than those of yesterday. The barometer is at present rising in most parts of these Islands and France, and also in Scandinavia, but is falling in Denmark, Germany and the Netherlands. The highest pressures, 30·0 ins. and upwards, are found over Portugal, but the mercury is above 29·7 ins in the north of Sweden. Over our western coasts the gradient for N.ly winds is rather steep.

WIND

The wind shows a complete circulation round the northern depression, being strong to a gale from the N.wd on our western coasts, but light to moderate from W. or S.W. over England and the neighbouring parts of the Continent, and E.ly in Scandinavia and the Shetlands, with a gale at Skudesnaes.

TEMPERATURE

Temperature has again fallen decidedly over England, and is now below the freezing point at some inland stations, the lowest reading reported being 28° at Nottingham. In the western parts of the kingdom the thermometer has risen, and is now very little below 45°. At the Continental stations the readings range from 53° at Nice and Lisbon to a little below 40° over Belgium and Central France, and to below the freezing point over the northern parts of Scandinavia, the lowest value reported being 13° at Haparanda.

WEATHER AND SEA

The weather, though temporarily fine in a few scattered parts of the United Kingdom, is in a cloudy, unsettled state over Western Europe as a whole. Fog or mist prevails over Eastern and Central England, and rain is falling at several of our northwestern and extreme northern stations, as well as at Brest and Frankfurt. The sea is high at Stornoway, and rough or rather rough on our western and extreme northern coasts generally.

The maximum temperatures recorded yesterday were below 50° at all but a few of the English Channel stations; at Southport, Tywyn, and Harrogate the thermometer did not reach 40°. Frost occurred last night in many parts of the Kingdom; in London the thermometer on the grass fell to 16°, and at Oxford to 19°. The amount of bright sunshine yesterday was generally small. Rain has again fallen over Western Europe generally, the largest amounts reported being —(1) in these Islands, 0·8 in at Holyhead, and 0·7 in at Dungeness, (2) on the Continent, 2·2 ins at Nice, 1·7 in. at Belfort, and 1·0 in. at Cape Gris Nez.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the north is likely to move slowly in a S.ly or S.E.ly direction, and the wind over England will therefore shift to the N.wd and increase somewhat in strength. Cold, changeable weather is probable in all districts, with showers of snow or sleet in many places. The N.ly gale now prevailing on exposed parts of our western coasts is likely to continue, and to become more general.

FORECASTS*

For the 24 hours ending at NOON on 20th November, 1906.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	E.ly and N.E.ly winds, strong; squally, some cold rain or sleet.
1 SCOTLAND EAST	Wind veering to the N.wd and increasing in strength; changeable, some showers, snow or sleet in places.
2 ENGLAND N.E.	
3 ENGLAND EAST	Light S.W.ly, followed by freshening N.ly breezes; cold, changeable, some rain, snow or sleet in places.
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	
6 SCOTLAND WEST	N.ly winds, strong; squally, some cold showers.
7 ENGLAND N.W.	N.ly and N.W.ly gales or strong winds; squally, showery, hail or sleet in places.
8 ENGLAND S.W.	
9 IRELAND NORTH	
10 IRELAND SOUTH	
WARNINGS	At 9.50 a.m. today to Districts 7 to 10, "Hoist North Cone."

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

DAILY WEATHER REPORT.

19th November, 1906

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Blackpool, to 9 p.m. ...	45	34	o, r	0·0	0·16	Eastbourne, to 6 p.m. ...	51	43	*	1·2	0·70
Southport, to 9 p.m.... ...	39	34	c, r, c	0·0	0·26	Bexhill-on-Sea, to 9 p.m.	51	44	bq, p	2·0	1·16
Rhyl, to 6 p.m.	49	34	bc, o	0·0	0·11	Hastings	*	*	*	2·1	*
Llandudno, to 9 p.m. ...	45	34	bc s hp	0·0	0·25	Folkestone, to 6 p.m. ...	50	40	rh, bp, r	0·9	0·74
Bettws-y-Coed, to 6 p.m.						Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m.	39	35	o, c	0·0	0·35	Margate, to 6 p.m. ...	49	42	c, r, b	1·0	0·32
Aberystwyth, to 6 p.m. ...	49	35	r, o, c	1·5	0·10	Lowestoft, to 6 p.m. ...					
Plymouth, to 9 p.m. ...	48	38	c, bqp, bc	3·6	0·16	Skegness	46	41	bc, c	3·0	–
Torquay, to 6 p.m.	47	43	*	4·3	0·17	Scarborough, to 6 p.m. ...	44	35	*	0·0	0·13
Bournemouth, to 6 p.m. ...	48	43	*	2·8	0·48	Harrogate, to 6 p.m. ...	37	32	om, s	0·0	0·40
Bognor, ...	*	*	bc	0·5	*	Darwen, to 9 p.m.					
Worthing	43	42	h, or, o	0·4	0·79	Manchester, to 9 p.m. ...	42	34	ors, bc	0·0	?
Brighton	50	40	*	0·5	0·49	Birmingham, to 9 p.m. ...	44	34	o, r, c	0·0	0·07

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS 18th Nov., 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins
St. Petersburg	Observations not received.				Algiers ... 18th Nov., 1906.	Observations not received.			
Utrecht...					Tunis				
Groningen					Madeira (Funchal)				
Vienna						1 p.m.		1 p.m.	Measured 7 a.m.
Florence					Geneva ... 17th Nov., 1906	50	*	0	0·04
Rome					Berne	52	*	0	0·04
Naples					Coire	48	*	b	–
Palermo					Castasegna...	41	*	0	–
Brindisi					Lugano	46	*	0	–
Malta					Davos...	41	*	b	–

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (,, ,,)	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

19th Nov., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7·22	11·38	3·55
Greenwich	7·26	11·45	4·5
Wick	8·12	11·57	3·43
Valencia	8·9	12·26	4·44

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FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (*Director*).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Tuesday, **Meteorological Office, London.** 20TH NOVEMBER, 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...														*			*	*	
	Hernösand														*			*	*	
	Stockholm														*			*	*	
	Wisby...														*			*	*	
	Karlstad														*	*	*	*	*	
	Færder (X'iania Fjord)	29.41	37	ENE	6	0	29.18	-.23	36	36	-2	NNE	6	r	3	39	36	*	*	0.83
	Bodö	29.67	28	E	4	b	29.70	+.12	30	28	-1	E	4	c	1	?31	27	*	*	—
	Christiansund ...	29.43	39	SE	1	c	29.35	-.01	40	35	+3	SE	2	c	3	40	34	*	*	—
	Skudesnaes ...	29.23	44	SE	6	0	29.20	+.06	41	37	-3	E	4	0	3	46	39	0	*	0.32
BRITISH ISLANDS.	Sumburgh Head	28.95	44	E	6	0	29.22	+.18	41	39	0	NE	1	0	4	45	39	r, 0	*	0.19
	Stornoway	29.23	41	N	6	0	29.35	+.19	40	40	-1	W	3	r	3	43	39	c, 0, rq	0.7	0.31
	Malin Head ...	29.29	43	N	10	crhq	29.51	+.32	42	39	-2	NNW	8	bcq	6	44	39	c, rhq	*	0.08
	Blacksod Pt. ...	29.62	40	NW	6	cqmhp	29.64	+.15	40	39	-3	SW	3	c	3	43	38	cqmhp	*	0.06
	Valencia	29.68	40	NNW	4	bcp	29.69	+.12	36	35	-8	Z	0	0	3	48	34	cqp, bcp	3.8	0.05
	Roche's Point ...	29.60	42	NW	5	bq	29.74	+.28	34	34	-9	W	1	0	1	46	34	bc, bq	*	—
	Birr Castle ...	29.56	38	WNW	3	b	29.68	+.27	31	31	-7	Z	0	bc	*	44	29	b	5.8	—
	Donaghadee ...	29.26	41	WSW	6	0	29.49	+.35	38	36	-6	WSW	3	b	2	46	36	c, oqp, bc	*	0.18
	Liverpool Obsy...	29.18	41	W	6	r	29.51	+.41	41	38	+1	W	6	c	6	46	40	qp	*	0.23
	Holyhead	29.29	45	NNW	9	oqp	29.56	+.45	42	38	-1	NW	7	bc	5	46	37	cqu, op	*	0.03
	Pembroke (St. Ann's Hd.)	29.44	44	NW	6	c	29.69	+.43	43	38	-2	NW	4	bc	4	48	40	bcq, phr	3.0	0.02
	Scilly (St. Mary's) ...	29.53	47	NW	6	c	29.77	+.39	45	41	-1	NW	4	c	4	49	44	c	4.4	0.02
	Jersey (St. Aubins) ...	29.56	47	WNW	5	bc	29.78	+.50	43	39	-2	WNW	4	bc	3	51	42	rq, rhq, c	2.3	0.16
	Portland Bill ...	29.40	46	WNW	7	bq	29.65	+.48	44	41	-1	WNW	6	b	5	49	39	cq, bq	*	—
	Dungeness	29.28	43	W	3	b	29.58	+.39	39	37	+5	W	5	bc	5	45	33	bc, b	3.0	0.03
	Wick	29.00	41	NE	5	r	29.22	+.26	40	39	-1	SE	2	0	4	44	38	—	*	0.75
	Nairn	29.08	40	NNW	4	0	29.23	+.25	41	39	+1	NNW	4	op	3	43	38	—	0.0	0.63
	Aberdeen	28.98	39	WNW	2	c	29.21	+.29	38	37	+3	WNW	3	c	2	40	35	bc, c, orq	1.6	0.41
	Leith	29.05	42	WNW	3	0	29.26	+.32	41	37	+1	WSW	4	0	*	43	39	rq	*	0.23
	North Shields ...	29.00	39	W	4	op	29.25	+.27	38	35	+2	W	4	c	3	41	33	op	*	0.08
	Spurn Head ..	29.06	?34	W	4	0	29.30	+.23	?41	40	+7	W	6	0	4	43	34	—	*	—
	Yarmouth	29.15	40	WSW	4	bc	29.37	+.24	39	38	+6	W	5	b	3	40	?33	bc	*	—
	Clacton-on-Sea ...	29.24	41	WSW	3	bc	29.52	+.34	39	37	+5	W	4	b	3	44	34	c, bcm, b	3.2	—
	Nottingham ...	29.16	41	W	3	0	29.46	+.34	38	37	+10	W	2	bcm	*	42	28	om, pm	0.2	0.06
	Bath	29.37	42	SW	3	b	29.66	+.47	37	35	+1	W	1	m	*	46	36	—	3.2	0.03
	Oxford	29.34	38	WNW	2	b	29.61	+.43	35	33	+2	WSW	3	b	*	44	33	r, c, bc, r	*	0.07
	London (St. James' Park)	29.28	41	W	2	bc	29.58	+.40	37	36	+7	WSW	3	b	*	42	30	cp, rsp	0.6	0.06
GERMANY, &c.	The Scaw (Skagen)	29.32	42	SE	5	r	29.16	-.19	38	37	-6	Z	0	r	0	45	37	*	*	0.39
	Fanö	29.24	42	SSW	2	0	29.19	.00	42	41	0	SW	6	c	*	45	39	*	*	0.08
	Cuxhaven	29.28	40	SW	2	0	29.31	+.10	40	37	-1	SSW	5	0	*	45	34	*	*	—
	The Helder ...	29.22	39	S	3	c	29.31	+.18	46	43	+1	WSW	6	c	4	46	37	*	*	0.12
	Brussels	*	*	*	*	*									*			*	*	
	Berlin	29.34	45	WSW	2	0	29.56	+.17	37	36	-4	W	2	b	*	48	37	*	*	0.16
	Frankfurt	29.46	41	SW	3	bc	29.61	+.28	41	40	-3	SW	3	c	*	45	39	*	*	0.08
	Munich	29.58	38	SW	6	r	29.80	+.50	32	31	-8	SSE	3	0	*	43	32	*	*	0.16
FRANCE.	C. Gris Nez ...	29.31	49	W	6	b	29.59	+.40	40	40	-1	W	6	b	6	49	39	*	*	0.12
	Brest	29.61	49	NW	6	c	29.80	+.56	48	46	+2	NW	4	b	4	49	41	*	*	0.08
	Lorient	29.63	48	N	6	0	29.86	+.45	46	43	-2	NW	4	bc	4	52	41	*	*	0.04
	Rochefort	29.69	50	NW	7	r	29.90	+.47	47	44	-1	NNW	4	0	*	55	39	0, r	*	0.55
	Biarritz	29.90	48	WSW	6	tlr	29.98	+.29	48	48	+4	SW	6	r	5	50	?44	tlr, h	*	1.46
	Paris	29.43	44	SW	3	bc	29.73	+.42	37	36	0	WSW	2	0	*	48	36	*	*	0.04
	Belfort...	29.51	41	WSW	7	r	?29.75	+.34	37	36	-2	WSW	4	0	*	50	35	*	*	0.12
	Lyons	29.41	41	SSW	2	b	29.85	+.37	39	36	-4	S	1	bc	*	47	39	*	*	—
	Nice	29.59	47	W	3	b	29.71	+.27	44	42	-9	W	3	b	4	57	43	*	*	—
	Perpignan	29.77	50	NW	3	0	29.91	+.32	41	37	-3	W	1	0	*	59	38	*	*	—
SPAN. PEN.	Corunna																	*	*	
	Lisbon	30.17	55	NNW	4	b	30.17	+.09	52	50	-1	SSE	1	0	*	59	48	*	*	—
	Azores (P. Delgada)...	30.00	64	SSW	5	b	29.81	-.39	66	63	+5	SW	6	0	5	?66	61	*	*	—
	,, (Horta) ...	29.85	66	SW	5	0	29.69	-.45	65	64	+1	SW	4	0	2	68	64	*	*	0.59

NOTES:—(a) *At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + ·03 in., but for Sumburgh Head + ·04 in.; for stations South of Malin Head and North Shields + ·02 in., but for Scilly and Jersey + ·01 in.*

(b) *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

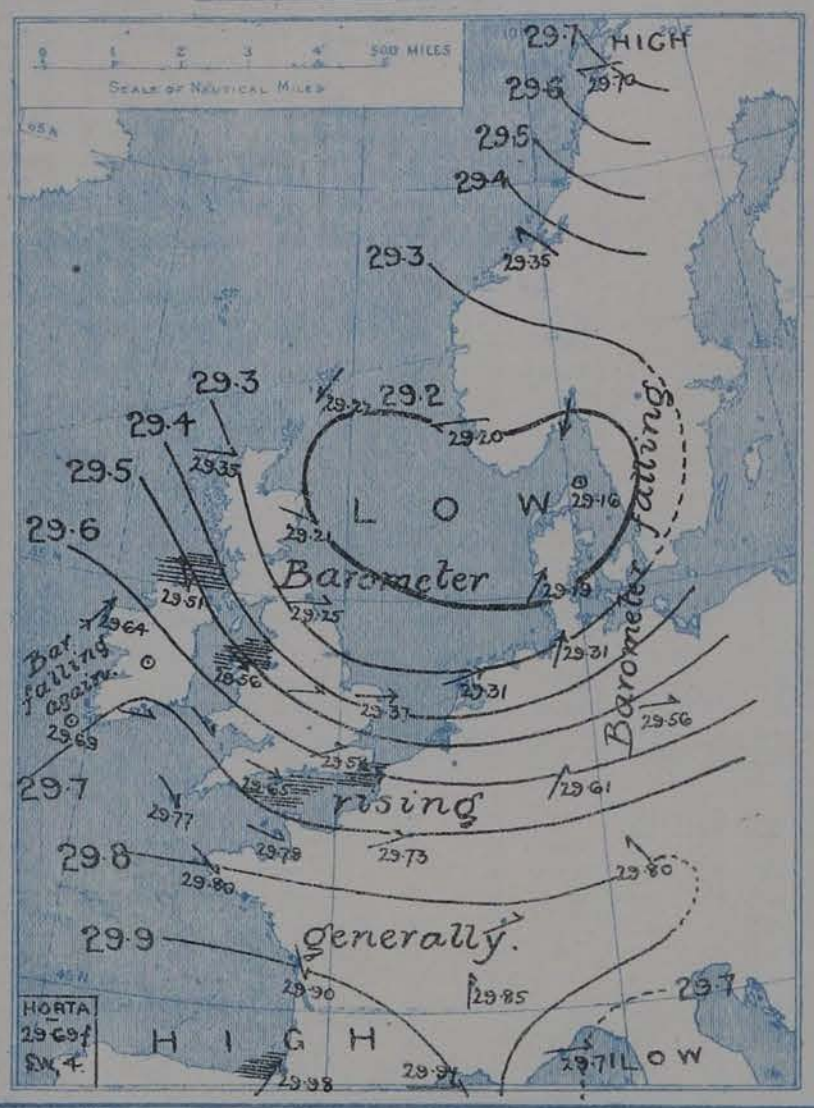
FOR Tuesday, 20th NOVEMBER, 1906.

I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; } Calm ⊙

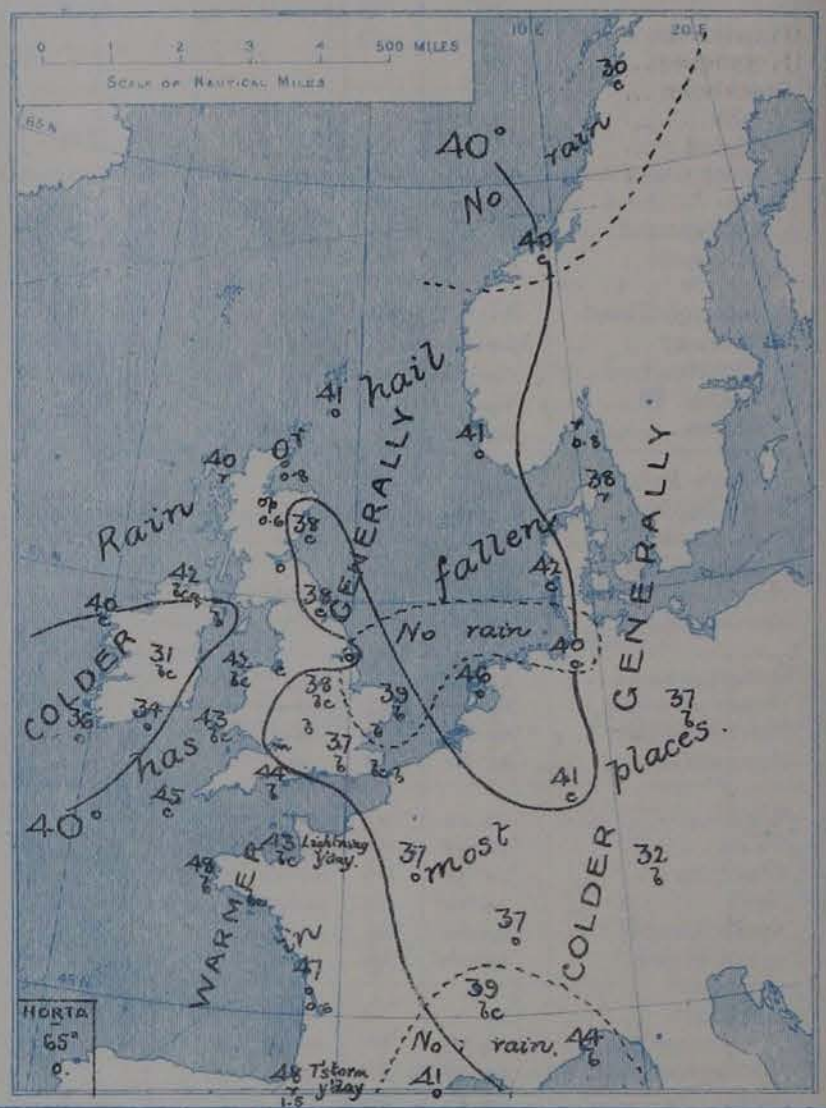
SEA.—Rough *High*



II. TEMPERATURE AND WEATHER. *This Morning.*

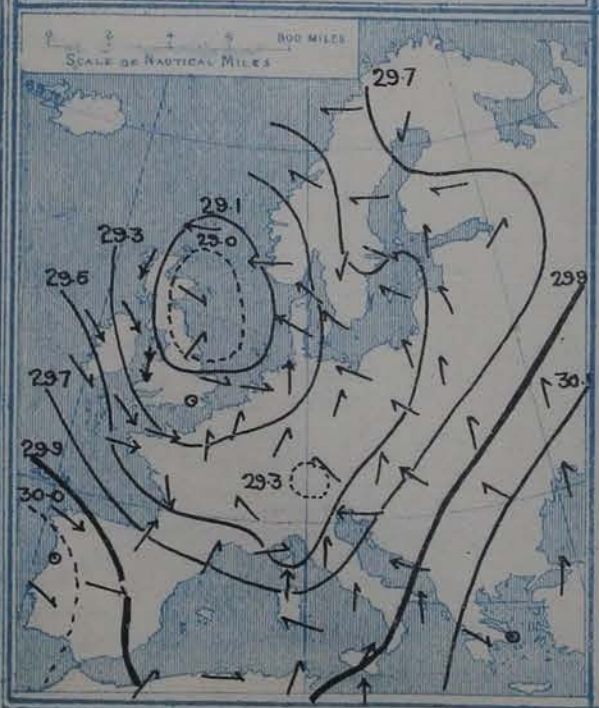
TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*

RAINFALL.— *A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0·6*



III. BAROMETER AND WIND

Yesterday morning.



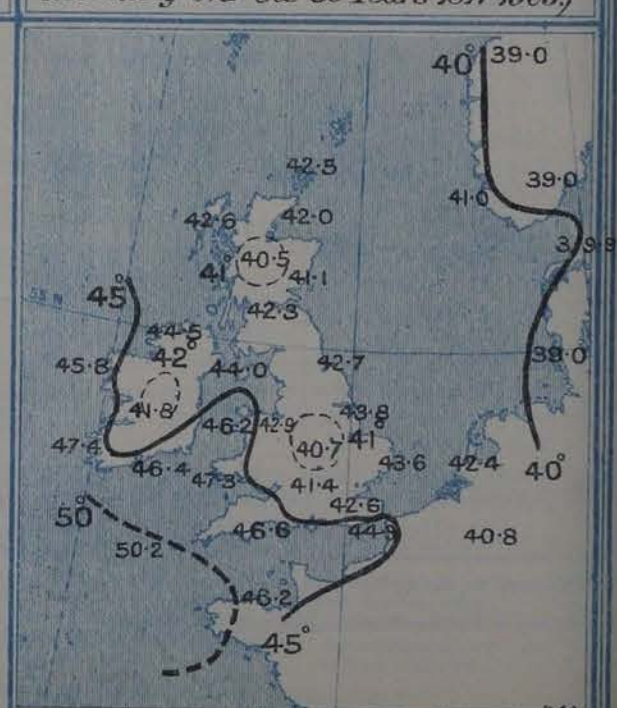
IV. EXTREMES OF TEMPERATURE

recorded in various districts of the United Kingdom during the week ended Satr 17th Nov

V. *Averages of* DAILY TEMPERATURE

at 8 A.M. for the monthly period NOVEMBER.

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The depression noticed yesterday off the east of Scotland has moved slowly to the E.wd, and has partially dispersed. The central portion of the system now extends from our northeast coasts to Denmark and the extreme south of Norway, in which regions the barometer is below 29.2 ins. On the eastern shores of the North Sea the mercury is falling slightly, but in most other parts of Western Europe it is at present rising. A fresh fall is, however, reported in the west of Ireland. The highest pressures 30.0 ins. and upwards, are still found over the Spanish Peninsula.

WIND

The wind circulates round the low pressure system over the North Sea. In these Islands and France it is chiefly W.s or N.W.s, and at some of the Channel and northwestern stations it continues to blow strongly, with a gale at Malin Head. In Germany and Denmark it draws into S.W., while in Norway it is E.s or NE.s

TEMPERATURE

Temperature has risen somewhat in most parts of Great Britain, but is still rather low for the time of year. Over Eastern and Central England the morning readings are a trifle below 40°, while over Central and Southern Ireland they are still lower, the thermometer at Birr Castle standing at 31°. At the Continental stations the readings range from 52° at Lisbon and a little above 45° on the west coasts of France to below 40° at the German stations, and to below the freezing point in the north of Scandinavia.

WEATHER AND SEA

The weather is at present fair over Western Europe as a whole, but is dull in the south of Ireland and the north of Scotland, with rain at Stornoway. Rain is also falling at Biarritz and round the eastern portion of the North Sea depression. The sea is rough or rather rough on most parts of our western and southern coasts.

Over a considerable portion of Great Britain the thermometer yesterday failed to reach 45°, and on some parts of our east and northeast coasts it did not exceed 40°. The amount of bright sunshine varied considerably in different localities, but was, as a rule, somewhat small. Rain has again fallen over the greater part of Western Europe, heavily in the north of Scotland and the south of Norway. Thunderstorms occurred yesterday at Rhyl and Llandudno, and also at Biarritz, where the accompanying rainfall amounted to 1.5 in. Lightning was seen at Jersey.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over the North Sea will probably move away to the E.wd, and will cease to affect the weather over these Islands. The new disturbance which is approaching Ireland will occasion a general backing of the wind to the S.W.wd or S.wd. Rain is likely to set in over our western districts today, and to extend later to other parts of the Kingdom.

FORECASTS*

For the 24 hours ending at NOON on 21st November, 1906.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Light variable or E.s airs; fair generally, frost inland to-night.
1 SCOTLAND EAST	W.s to S.s winds, light or moderate; fair to-day, some rain to-morrow.
2 ENGLAND N.E.	
3 ENGLAND EAST	Wind backing to the S.W.wd or S.wd and freshening; fair to-day, some rain to-morrow.
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	
6 SCOTLAND WEST	Wind backing to the S.wd; fair at first, some rain later.
7 ENGLAND N.W.	Wind backing to the S.W.wd or S.wd and increasing in strength; fair at first, some rain later.
8 ENGLAND S.W.	
9 IRELAND NORTH	S.s winds, increasing in strength; dull, unsettled, some rain.
10 IRELAND SOUTH	
WARNINGS	At 0.35 p.m yesterday to Districts 0 and part of 1, and at 7.30 p.m to Districts 2, 3, 5 and 6, "Hoist North Cone". At 9.40 a.m. to-day to District 0 and part of 1 "Lower Cone".

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

DAILY WEATHER REPORT. 20TH NOVEMBER, 1906

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Blackpool, to 9 p.m. ...	46	33	c hp, r, c	1·1	0·11	Eastbourne, to 6 p.m. ...	46	35	*	3·6	0·04
Southport, to 9 p.m.... ...	45	32	c, o r, h, cq	0·8	0·22	Bexhill-on-Sea, to 9 p.m.	46	38	r, b v	4·0	0·36
Rhyl, to 6 p.m.	47	35	o, tl, r	0·0	0·20	Hastings	*	*	*	3·6	*
Llandudno, to 9 p.m. ...	45	35	bc, tlr, q	0·0	0·66	Folkestone, to 6 p.m. ...	44	33	b, c, o, b	2·9	0·05
Bettws-y-Coed, to 6 p.m.	45	33	r, c, r	0·0	0·25	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m.	46	33	r, o, c, o	0·7	0·46	Margate, to 6 p.m. ...	45	33	f, o, b	2·8	0·01
Aberystwyth, to 6 p.m. ...	49	36	r, c, o	1·0	0·38	Lowestoft, to 6 p.m. ...	42	31	c, o, c, b, o	6·1	—
Plymouth, to 9 p.m. ...						Skegness	39	30	c, bc, b	2·0	—
Torquay, to 6 p.m.	49	34	*	3·9	0·26	Scarborough, to 6 p.m. ...	40	33	*	0·9	0·40
Bournemouth, to 6 p.m. ...	47	32	*	2·7	0·03	Harrogate, to 6 p.m. ...	41	34	c m, b	4·3	0·02
Bognor, ...	*	*	bc	3·6	*	Darwen, to 9 p.m.	41	29	o mp, b, thm	1·0	0·23
Worthing	46	32	o m, c, b	3·4	0·02	Manchester, to 9 p.m. ...	44	31	bc, r, bc	0·0	0·23
Brighton	44	32	*	3·4	0·05	Birmingham, to 9 p.m. ...	42	30	fo, r	0·1	0·31

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS 19th Nov., 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins
St. Petersburg	36	34	o, o	0·12	Algiers 19th Nov., 1906.	79	61	bc, c	—
Utrecht...	48	39	bc, c	0·20	Tunis	73	50	o, bc	—
Groningen	46	39	o, r	0·08	Madeira (Funchal)	not	rec.d		
Vienna	52	41	f, c	—		1 p.m.		1 p.m.	Measured 7 a.m.
Florence	60	51	b, o	0·24	Geneva 18th Nov., 1906.	Observations	not	received	
Rome	63	59	o, r	0·39	Berne		*		
Naples	62	59	o, o	—	Coire		*		
Palermo	71	62	o, bc	—	Castasegna...		*		
Brindisi	66	44	o, b	—	Lugano		*		
Malta	69	60	bc	—	Davos...		*		

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (" ")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

20th Nov., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7·24	11·39	3·54
Greenwich	7·28	11·46	4·4
Wick	8·14	11·58	3·42
Valencia	8·11	12·27	4·43

TERMS OF SUBSCRIPTION for the Daily Weather Report forwarded by Book Post, £1 per annum *payable quarterly in advance.*

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (*Director*).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Wednesday, **Meteorological Office, London.** 21st November, 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sun. shine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	29.72	31	E	4	S	29.67	+.25	33	33	+19	NNE	2	o	*	?	7	*	*	0.12
	Hernösand														*			*	*	
	Stockholm	29.55	42	S	2	o	29.55	+.37	42	41	0	SSW	4	r	*	45	36	*	*	0.04
	Wisby...	29.63	44	SW	4	bc	29.70	+.41	45	42	+1	WSW	6	o	*	45	39	*	*	0.12
	Karlstad	29.38	39	SW	2	r	29.62	+.47	33	32	0	2	0	o	*	*	*	*	*	0.75
	Færder (X'iania Fjord)	29.33	36	NNE	3	o	29.58	+.40	37	35	+1	WSW	2	c	1	37	34	*	*	0.32
	Bodö	29.60	31	E	4	b	29.54	-.16	28	26	-2	E	4	b	2	31	27	*	*	—
	Christiansund ...	29.30	36	NE	4	o	29.55	+.20	30	29	-10	NE	1	b	3	40	28	*	*	—
	Skudesnaes ...	29.36	40	Z	0	o	29.62	+.42	43	41	+2	W	2	c	2	43	34	c, o	*	0.12
BRITISH ISLANDS.	Sumburgh Head	29.33	38	Z	0	b	29.53	+.31	40	38	-1	2	0	b	1	44	35	c, b	*	0.03
	Stornoway	29.45	37	W	3	bc	29.52	+.17	35	34	-5	S	1	o	1	42	30	rq, c, bc	1.4	0.08
	Malin Head ...	29.50	39	S	3	og	29.41	-.10	44	44	+2	S	3	dm	2	44	36	c, og	*	0.01
	Blacksod Pt. ...	29.40	39	SE	6	cgpm	29.43	-.21	51	50	+11	S	3	om	3	51	38	cpm, og	*	0.02
	Valencia	29.27	50	SE	5	og	29.51	-.18	51	50	+15	SSE	2	om	4	51	36	ov, r, og	0.0	0.52
	Roche's Point ...	29.44	47	S	6	r	29.57	-.17	51	51	+17	SW	2	om	4	53	34	r, o	*	0.68
	Birr Castle ...	29.48	41	SSE	3	r	29.52	-.16	49	48	+18	S	2	og	*	50	30	c, r	0.8	0.08
	Donaghadee ...	29.61	37	SSW	3	o	29.49	.00	48	47	+10	S	4	r	4	48	35	o, og, c	*	0.02
	Liverpool Obsy...	29.69	40	SW	2	o	29.57	+.06	48	47	+7	SSW	2	o	2	49	37	b, o	*	0.05
	Holyhead	29.63	44	SW	1	ogm	29.53	-.03	50	50	+8	W	1	c	1	51	38	bc, c, og	*	0.01
	Pembroke (St. Ann's Hd.)	29.63	46	SSW	4	r	29.60	-.09	51	51	+8	SW	4	df	5	54	43	c, orm	1.9	1.05
	Scilly (St. Mary's) ...	29.60	47	S	6	r	29.69	-.08	52	50	+7	SW	3	f	5	52	44	o, r	0.3	0.66
	Jersey (St. Aubins) ...	29.88	47	SSW	4	og	29.83	+.05	55	54	+12	S	4	orm	4	55	41	cp, og, r	3.0	0.56
	Portland Bill ...	29.78	48	WSW	4	ov	29.67	+.02	54	54	+10	SW	5	og	5	55	43	c, ov, r	*	0.45
	Dungeness	29.81	42	W	4	bc	29.68	+.10	51	50	+12	SSW	7	r	6	51	38	bc, r	6.1	0.32
	Wick	29.37	40	NW	1	c	29.55	+.33	34	33	-6	W	1	b	3	44	32	—	*	—
	Nairn	29.44	40	W	3	bc	29.53	+.30	29	29	-12	Z	0	b	1	42	29	—	1.5	0.01
	Aberdeen	29.44	37	WNW	3	b	29.62	+.41	32	31	-6	W	1	bc	2	42	30	bc, b	2.6	—
	Leith	29.50	41	WSW	3	bc	29.56	+.30	38	37	-3	SE	1	o	*	45	37	bc, p	*	0.01
	North Shields ...	29.55	40	W	4	c	29.56	+.31	42	41	+4	SE	3	op	3	45	35	c	*	0.01
	Spurn Head ..	29.63	41	WSW	4	b	29.54	+.24	46	45	+5	S	5	rq	5	46	40	—	*	0.07
	Yarmouth	29.66	40	W	5	bc	29.68	+.31	48	47	+9	SSW	5	o	4	48	37	bc	*	0.09
	Clacton-on-Sea ...	29.77	41	SSW	4	bc	29.71	+.19	48	48	+9	S	4	r	3	48	38	bc, or	6.8	0.21
	Nottingham ...	29.70	40	W	1	o	29.56	+.10	50	49	+12	SW	1	om	*	50	38	cm, o	3.0	0.15
	Bath	29.79	43	SW	1	m	29.65	-.01	53	52	+16	SW	1	m	*	54	37	—	4.7	0.40
	Oxford	29.80	40	SW	1	o	29.61	.00	51	50	+16	S	2	o	*	51	35	b, o, r	*	0.37
	London (St. James' Park)	29.79	42	W	3	o	29.62	-.04	52	51	+15	SSW	3	o	*	52	37	b, bc, o, r	5.0	0.30
GERMANY, &c.	The Scaw (Skagen)	29.30	41	Z	0	m	29.65	+.49	40	39	+2	W	4	m	1	43	36	*	*	0.12
	Fanö	29.49	43	NW	2	b	29.81	+.62	42	41	0	WSW	2	c	*	45	39	*	*	0.47
	Cuxhaven	29.50	43	SW	8	r	29.94	+.63	39	37	-1	SW	5	o	*	45	37	*	*	0.59
	The Helder ...	29.69	46	W	7	c	29.88	+.57	40	38	-6	S	2	o	2	48	39	*	*	0.04
	Brussels	*	*	*	*	*	29.97		40	39		S	5	r	*	46	37	*	*	—
	Berlin	29.81	42	W	3	b	30.11	+.55	35	34	-2	W	2	b	*	46	35	*	*	—
	Frankfurt	30.03	41	SW	3	o	30.20	+.59	37	36	-4	SW	3	o	*	45	36	*	*	—
	Munich	30.09	37	W	4	c	30.35	+.55	31	31	-1	SW	3	b	*	41	30	*	*	—
FRANCE.	C. Gris Nez ...	29.82	43	W	6	b	29.78	+.19	46	45	+6	S	6	r	6	46	40	*	*	0.20
	Brest	29.79	52	SSW	6	r	29.71	-.09	55	55	+7	SW	6	r	5	?	?	*	*	0.16
	Lorient	29.89	50	SSW	5	o	29.87	+.01	54	54	+8	SSW	6	f	7	54	46	*	*	0.39
	Rochefort	30.04	50	S	3	o	30.10	+.20	51	51	+4	S	3	r	*	56	?47	c, o	*	0.12
	Biarritz	30.11	52	SSE	1	c	30.13	+.15	56	50	+8	SSE	4	bc	2	56	48	*	*	0.20
	Paris	29.99	39	SSW	2	b	30.04	+.31	43	42	+6	SSW	3	r	*	50	37	*	*	0.12
	Belfort...	30.00	37	W	4	o	30.26	+.51	33	30	-4	Z	0	o	*	42	30	*	*	—
	Lyons	30.12	36	N	1	b	30.31	+.46	33	32	-6	N	1	o	*	43	31	*	*	0.04
	Nice	29.84	47	W	2	b	30.18	+.47	45	37	+1	E	2	bc	3	57	43	*	*	—
	Perpignan	30.12	48	N	1	b	30.28	+.37	39	38	-2	SW	1	o	*	55	35	*	*	—
SPAN. PEN.	Corunna																	*	*	
	Lisbon	30.19	55	SSE	2	c	30.29	+.12	53	49	+1	NE	4	bc	*	59	50	*	*	—
	Azores (P. Delgada)...	29.63	66	SSW	7	o	29.51	-.30	66	64	0	SSW	8	m	8	68	66	*	*	—
	,, (Horta) ...	29.41	67	SW	6	o	29.29	-.40	60	58	-5	SW	6	r	3	68	59	o, t	*	1.42

NOTES:—(a) *At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + ·03 in., but for Sumburgh Head + ·04 in.; for stations South of Malin Head and North Shields + ·02 in., but for Scilly and Jersey + ·01 in.*

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* *Observations for this column not generally received.*

† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR WEDNESDAY, 21st NOVEMBER, *1906.*

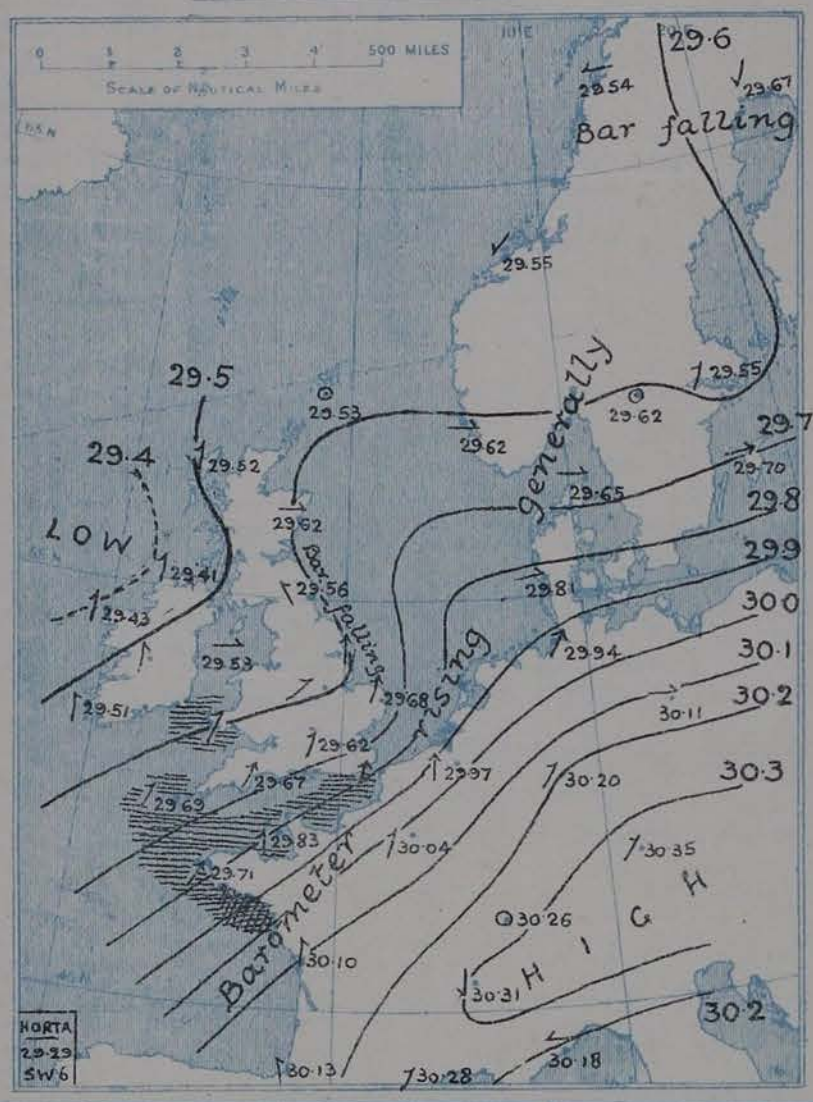
I. BAROMETER. WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 — *Force 8 to 10* — *Force 5 to 7* — *Force 1 to 4* — Calm ⊙

SEA.—Rough — *High*

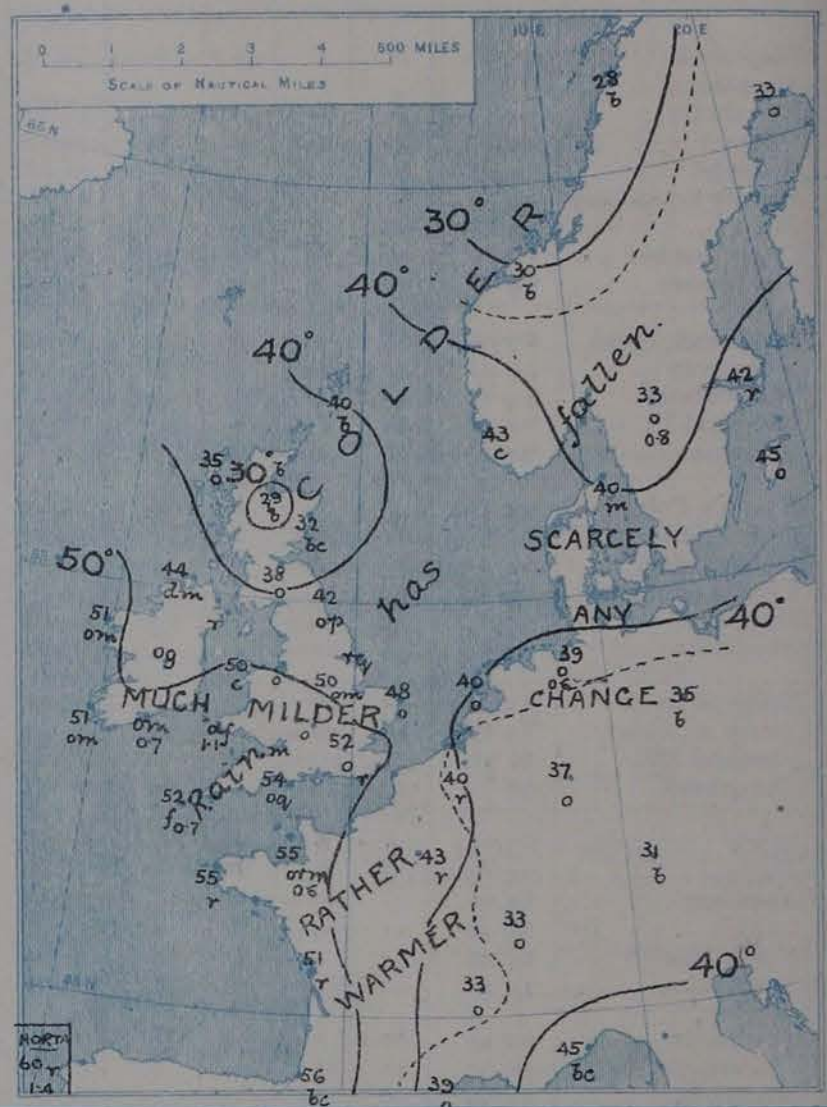


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

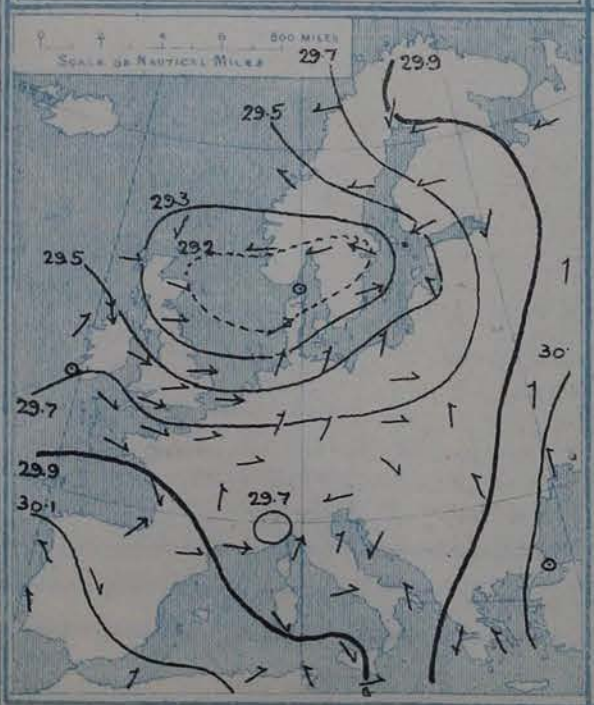
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0·6



III. BAROMETER AND WIND

Yesterday morning.

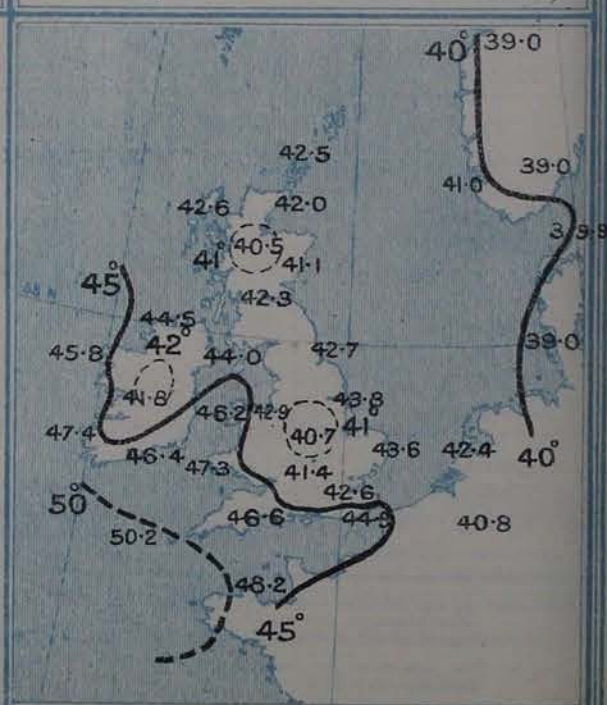


IV. LAST WEEK'S RAINFALL.

Amount recorded in various districts of the United Kingdom during the week ended Satd 17th Nov. *with the percentage of the average amount for the corresponding week.*

V. *Averages of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* NOVEMBER.

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The deep depression which was approaching our western coasts yesterday is now disappearing over the Atlantic, and the barometer is rising again at most of our western stations. A general rise is also reported over the Continent, and a definite anticyclone, with pressures above 30·3 ins., has appeared over South Germany and the east of France. The lowest readings, apparently below 29·4 ins., are found in an area lying off the north-west of Ireland.

WIND

The wind is Southerly or South-westerly over Western Europe as a whole, but is rather variable on the north-east coasts of Great Britain. Over the northern parts of Scandinavia it is Easterly or North-Easterly. In the Straits of Dover and on the north coasts of France the South-westerly wind blows strongly.

TEMPERATURE

The influx of the Southerly current has been accompanied by a British rise of temperature over the southern parts of these islands, where the morning readings are above 50°. With the light variable airs in Scotland the thermometer has fallen, and is now as low as 29° at Nairn and 32° at Aberdeen. Slight frost prevails also in South Germany and over the northern parts of Scandinavia.

WEATHER

The weather is dull and unsettled over Western Europe as a whole, with rain in many parts of England, Ireland and France, and also at Stockholm. Fog and mist are reported on our south-west coasts. In the north and east of Scotland and in the west of Norway the weather is fine.

AND SEA

The sea is high at Lorient, and rough in the English and Bristol Channels, but moderate or slight elsewhere.

The maximum temperatures recorded yesterday were below 45° in many parts of Great Britain; those registered this morning have occurred during the night. More than 6 hours of bright sunshine were recorded yesterday at several of the English stations; in Ireland and Scotland the duration was much smaller. Rain has again fallen generally, the largest amounts reported being 1·1 in. at Pembroke, and 0·7 in. at Roche's Point and Scilly.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Although the barometer is at present rising in the west the general conditions remain very unsettled. It seems not unlikely that a new disturbance will appear off our western coasts in the course of the ensuing 24 hours, so that freshening Southerly winds are probable in those localities. The weather is likely to remain in a mild and very changeable condition over England and Ireland generally.

FORECASTS*

For the 24 hours ending at NOON on 22nd November, 1906.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	Variable breezes, finally S.E.ly; fair at first, some rain or sleet later, becoming milder.
2 ENGLAND N.E.	S.ly and S.E.ly winds, moderate; mild, changeable, some rain.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	S.W.ly to S.ly winds, fresh or strong on coast; mild and unsettled, with occasional rain.
6 SCOTLAND WEST 7 ENGLAND N.W.	Same as No. 2.
⊼ 8 ENGLAND S.W	S.W.ly to S.ly winds, freshening; dull, misty or foggy, some rain.
9 IRELAND NORTH ⊼ 10 IRELAND SOUTH	S.ly to S.E.ly winds, freshening; mild, dull and misty, with occasional rain
WARNINGS	At 3.10 p.m. yesterday to districts 7 to 10 and part of 5 "Hoist South Cone". At 11.0 a.m. today to districts 7 and 9 "Lower Cone".

Note.—The **South Cone**, *point downwards* (⊼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (⊼), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

0.6 p.m.

DAILY WEATHER REPORT. 21st NOVEMBER, 1906

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Blackpool, to 9 p.m. ...	46	38	c, b	4·4	0·02	Eastbourne, to 6 p.m. ...	46	37	*	6·5	0·08
Southport, to 9 p.m.... ...	45	39	cq, r, c	3·2	0·06	Bexhill-on-Sea, to 9 p.m.	45	39	b, v	6·3	0·11
Rhyl, to 6 p.m.	45	36	o, r, w, c	2·4	0·25	Hastings	*	*	*	6·7	*
Llandudno, to 9 p.m. ...	46	41	bcp	3·7	0·20	Folkestone, to 6 p.m. ...	45	35	b	6·4	0·05
Bettws-y-Coed, to 6 p.m.	44	39	c, b, o	3·3	0·28	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m.	45	39	c, o	2·0	0·01	Margate, to 6 p.m. ...	45	34	?	6·5	0·02
Aberystwyth, to 6 p.m. ...	47	40	c, o	1·5	–	Lowestoft, to 6 p.m. ...	45	38	c, b, c	6·7	–
Plymouth, to 9 p.m. ...	50	38	b, orq	3·1	0·34	Skegness	45	36	b, c	5·8	–
Torquay, to 6 p.m.	47	36	*	3·0	–	Scarborough, to 6 p.m. ...	46	38	*	5·2	0·01
Bournemouth, to 6 p.m. ...	42	36	*	4·1	–	Harrogate, to 6 p.m. ...	49	36	cq, b	6·5	–
Bognor, ...	*	*	bc	6·0	*	Darwen, to 9 p.m.	41	35	c, omrh, bcq	1·5	0·13
Worthing	45	35	b, c, o	5·7	0·02	Manchester, to 9 p.m. ...	44	39	r, bc, op	1·2	0·05
Brighton	44	37	*	5·8	0·04	Birmingham, to 9 p.m. ...	44	36	r, c, b, o	3·8	0·03

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS 20th Nov., 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins
St. Petersburg	37	32	o, c	0·20	Algiers 20th Nov., 1906.	70	54	o, b	–
Utrecht...	45	39	c, r	0·12	Tunis	77	55	m, f	–
Groningen	45	37	bc, e	0·04	Madeira (Funchal)	not	rec'd.		
Vienna	57	43	o, o	–		1 p.m.		1 p.m.	Measured 7 a.m.
Florence	62	46	o, o	2·68	Geneva 19th Nov., 1906.	46	*	bc	1·10
Rome	66	50	r, b	0·83	Berne	43	*	bc	0·79
Naples	69	50	o, r	0·04	Coire	37	*	r	0·39
Palermo	76	55	b, o	0·71	Castasegna...	45	*	r	1·46
Brindisi	66	46	o, o	–	Lugano	54	*	bc	1·38
Malta	73	63	o	–	Davos...	30	*	s	0·08

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (" ")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

21st Nov., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7·26	11·39	3·52
Greenwich	7·29	11·46	4·3
Wick	8·16	11·58	3·40
Valencia	8·12	12·27	4·42

TERMS OF SUBSCRIPTION for the Daily Weather Report forwarded by Book Post, £1 per annum *payable quarterly in advance.*

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FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (*Director*).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Thursday, **Meteorological Office, London.** 22ND NOVEMBER, 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sun. shine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	29.77	33	Z	0	0	29.99	+.32	29	28	-4	NW	2	bc	*	36	19	*	*	–
	Hernösand	29.73	26	N	2	b	30.23	+.69	23	23	-16	SW	2	b	*	39	?23	*	*	–
	Stockholm	30.00	40	W	2	b	30.33	+.78	35	34	-7	SW	2	o	*	43	?35	*	*	–
	Wisby...	30.10	44	WSW	6	b	30.38	+.68	39	36	-6	SW	2	bc	*	45	39	*	*	–
	Karlstad	30.02	35	Z	0	b	30.26	+.64	37	36	+4	Z	0	f	*	*	*	*	*	–
	Færder (X'iania Fjord)	29.96	41	WSW	3	b	30.17	+.59	44	42	+7	S	2	o	3	?44	37	*	*	–
	Bodö	29.83	30	E	4	b	30.07	+.53	32	30	+4	E	2	c	1	?32	27	*	*	–
	Christiansund ...	29.86	39	SE	1	c	29.95	+.40	41	36	+11	ESE	3	c	3	41	30	*	*	–
	Skudesnaes ...	29.95	45	SE	2	o	29.95	+.33	47	46	+4	S	8	r	4	47	43	c, o	*	0.08
BRITISH ISLANDS.	Sumburgh Head	29.69	42	S	2	o	29.62	+.09	49	48	+9	S	3	o	3	49	40	c, o	*	0.16
	Stornoway	29.50	45	S	3	d	29.56	+.04	52	52	+17	SW	3	r	3	?52	34	o, d	0.0	0.36
	Malin Head ...	29.41	50	SSW	5	rm	29.65	+.24	56	56	+12	SSW	5	om	3	56	43	o, rm	*	0.03
	Blacksod Pt. ...	29.39	56	SSE	7	rqm	29.66	+.23	56	55	+5	S	8	rqm	6	56	50	oqmdp	*	0.32
	Valencia	29.57	57	SSE	5	om	29.84	+.33	56	55	+5	SSE	5	om	5	58	51	omp, m	0.0	0.16
	Roche's Point ...	29.69	54	S	5	rf	30.00	+.43	54	54	+3	SSW	6	om	6	55	51	f, rf	*	0.19
	Birr Castle ...	29.58	56	S	4	o	29.89	+.37	58	56	+9	S	6	oq	*	60	48	ow	0.0	–
	Donaghadee ...	29.62	51	SSW	3	c	29.85	+.36	55	55	+7	SSW	4	c	4	55	47	c, ogm, d	*	0.01
	Liverpool Obsy...	29.79	51	SE	2	o	30.07	+.50	57	54	+9	SW	4	c	3	59	48	cm	*	–
	Holyhead	29.72	52	SW	4	ogm	30.03	+.50	55	54	+5	SSW	6	o	4	55	41	c, ogm	*	–
	Pembroke (St. Ann's Hd.)	29.78	54	SSW	5	o	30.13	+.53	55	54	+4	SSW	6	cw	6	56	50	cp, of	0.5	0.06
	Scilly (St. Mary's) ...	29.86	54	SSW	5	m	30.20	+.51	53	50	+1	SSW	5	c	5	56	47	m	0.0	0.03
	Jersey (St. Aubins) ...	30.07	55	WSW	3	orf	30.40	+.57	55	54	0	SSW	3	b	3	57	53	odm, f, r	0.0	0.16
	Portland Bill ...	29.95	55	SSW	4	o	30.27	+.60	55	54	+1	SW	3	c	4	56	53	dm	*	0.02
	Dungeness	29.97	53	SW	3	c	30.31	+.63	55	54	+4	WSW	4	o	4	55	50	o; c	0.0	0.07
	Wick	29.58	40	S	4	o	29.63	+.08	50	49	+16	S	2	o	4	50	32	–	*	0.25
	Nairn	29.61	42	W	1	o	29.63	+.10	54	52	+25	SW	2	o	1	54	29	–	4.0	0.12
	Aberdeen	29.71	44	S	2	r	29.77	+.15	53	53	+21	SSW	2	o	2	53	31	o, r, odm	0.0	0.06
	Leith	29.69	45	ESE	1	o	29.81	+.25	59	56	+21	WSW	4	bc	*	61	38	o, p	*	0.02
	North Shields ...	29.75	44	Z	0	f	29.95	+.39	57	55	+15	SSW	5	c	2	57	39	m, f, r	*	0.01
	Spurn Head ..	29.84	48	S	3	c	30.07	+.53	55	53	+9	SW	4	c	3	57	46	–	*	–
	Yarmouth	29.87	53	WSW	4	cf	30.18	+.50	56	55	+8	WSW	4	cf	3	56	47	o, c, f	*	0.01
	Clacton-on-Sea ...	29.94	49	SW	3	bc	30.26	+.55	52	52	+4	SW	2	o	2	53	48	o, bc, og	0.0	0.01
	Nottingham ...	29.85	51	SW	1	o	30.12	+.56	57	56	+7	WSW	4	cm	*	58	49	om, o	0.5	–
	Bath	29.91	55	SW	3	o	30.27	+.62	57	55	+4	SW	5	c	*	59	53	–	1.3	–
	Oxford	29.97	54	SSW	2	o	30.27	+.66	56	55	+5	SW	2	o	*	58	50	c	*	–
	London (St. James' Park)	29.94	54	WSW	1	o	30.26	+.64	57	56	+5	SW	4	o	*	58	52	o, odp	0.0	–
GERMANY, &c.	The Scaw (Skagen)	30.04	41	W	3	b	30.17	+.52	45	44	+5	SSW	4	o	1	46	39	*	*	–
	Fanö	30.10	43	SE	4	o	30.18	+.37	46	45	+4	SE	4	r	*	46	41	*	*	0.04
	Cuxhaven	30.04	41	S	5	o	30.27	+.33	48	48	+9	S	1	f	*	48	?39	o, f	*	0.04
	The Helder ...	29.96	51	WSW	2	o	30.24	+.36	53	52	+13	SW	2	m	2	54	40	*	*	0.04
	Brussels	*	*	*	*	*	30.36	+.39	54	54	+14	WSW	3	f	*	54	39	*	*	0.04
	Berlin	30.26	39	SE	1	b	30.41	+.30	38	37	+3	SSE	2	o	*	43	35	*	*	–
	Frankfurt	30.26	42	SW	2	r	30.43	+.23	46	46	+9	SW	2	r	*	46	36	*	*	0.04
	Munich	30.42	37	S	2	c	30.56	+.21	42	42	+11	SW	2	r	*	43	30	*	*	0.08
FRANCE.	C. Gris Nez ...	30.00	53	WSW	5	r	30.31	+.53	54	54	+8	SW	5	o	5	57	?46	*	*	0.28
	Brest	30.06	56	SW	6	o	30.31	+.60	55	54	0	S	4	b	5	55	50	*	*	–
	Lorient	30.12	56	SW	5	f	30.38	+.51	54	53	0	SSW	3	b	6	57	52	*	*	0.16
	Rochefort	30.29	54	SW	4	r	30.41	+.31	49	48	-2	S	2	b	*	56	46	r	*	0.24
	Biarritz	30.31	60	Z	0	b	30.35	+.22	48	46	-8	E	4	b	3	66	45	*	*	–
	Paris	30.20	50	SSW	4	o	30.44	+.40	53	53	+10	SSW	2	o	*	?	?	*	*	0.20
	Belfort...	30.30	42	WSW	4	o	30.53	+.27	44	44	+11	W	2	f	*	44	?33	*	*	0.04
	Lyons	30.40	42	SE	1	o	30.56	+.25	41	39	+8	SSE	1	o	*	47	?33	*	*	0.04
	Nice	30.32	46	ENE	2	b	30.39	+.21	43	39	-2	E	1	b	2	57	41	*	*	–
	Perpignan	30.38	44	Z	0	c	30.45	+.17	41	40	+2	SW	1	b	*	55	37	*	*	–
SPAN. PEN.	Corunna																	*	*	
	Lisbon	30.30	55	ENE	2	b	30.38	+.09	50	48	-3	NE	1	o	*	61	48	*	*	–
	Azores (P. Delgada)...	29.50	65	SSW	7	o	29.54	+.03	66	64	0	S	6	m	6	266	59	*	*	0.16
	,, (Horta) ...	29.33	64	SW	5	o	29.16	-.13	61	59	+1	SW	7	r	5	70	41	*	*	1.34

NOTES:—(a) *At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.*

(b) *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

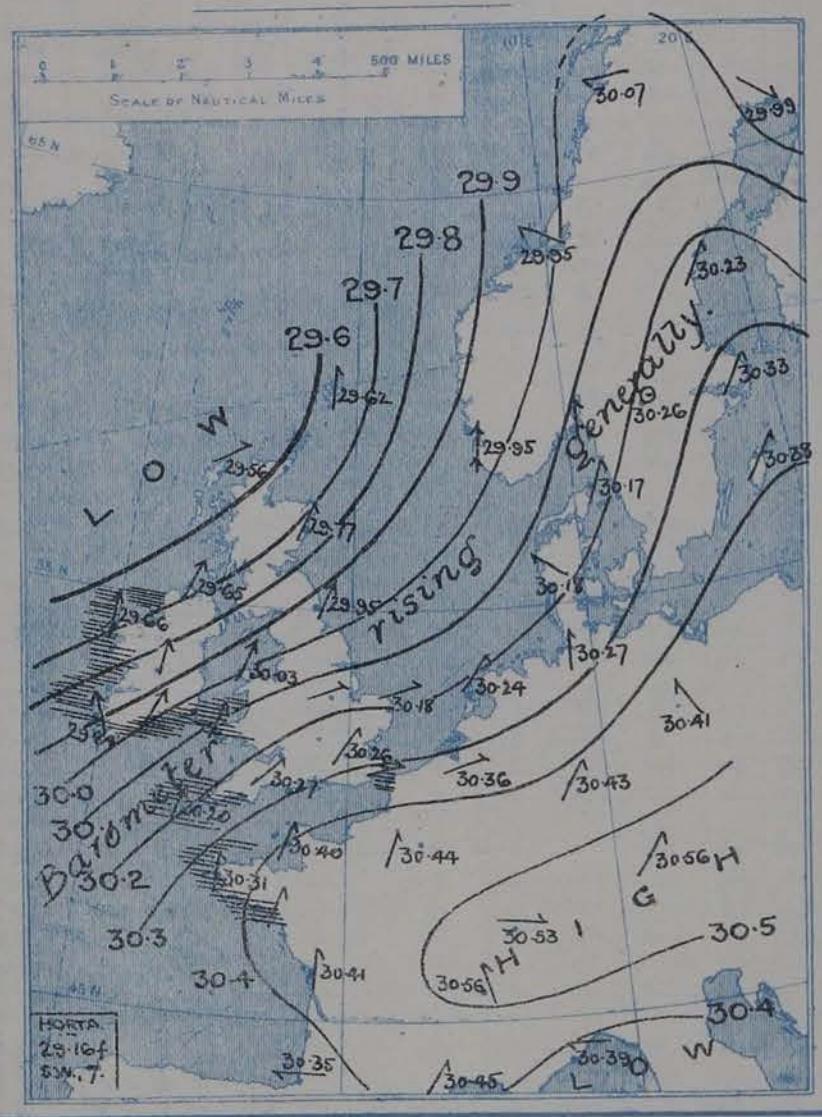
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR Thursday, 22nd NOVEMBER, 1906.

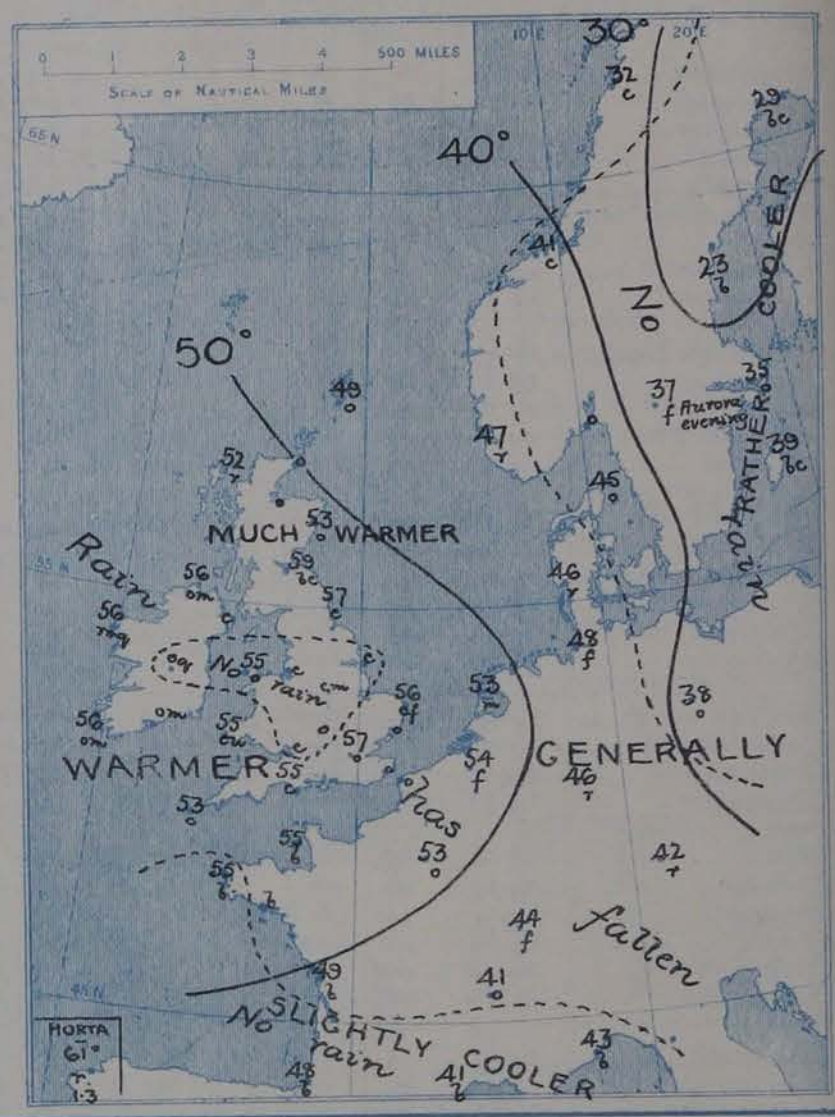
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 ⟶ : *Force 5 to 7* ⟶ : } Calm ⊙
Force 8 to 10 ⟶ : *Force 1 to 4* ⟶ :
SEA.—Rough ▒ *High* ■



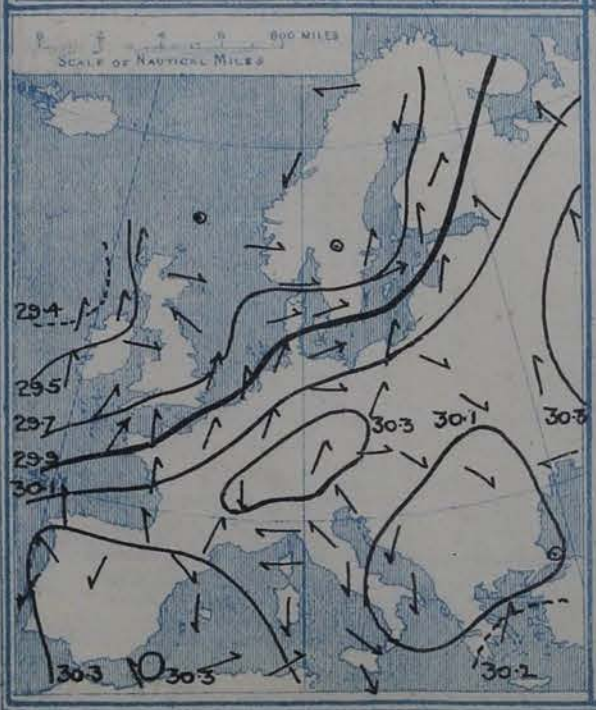
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6



III. BAROMETER AND WIND

Yesterday morning.

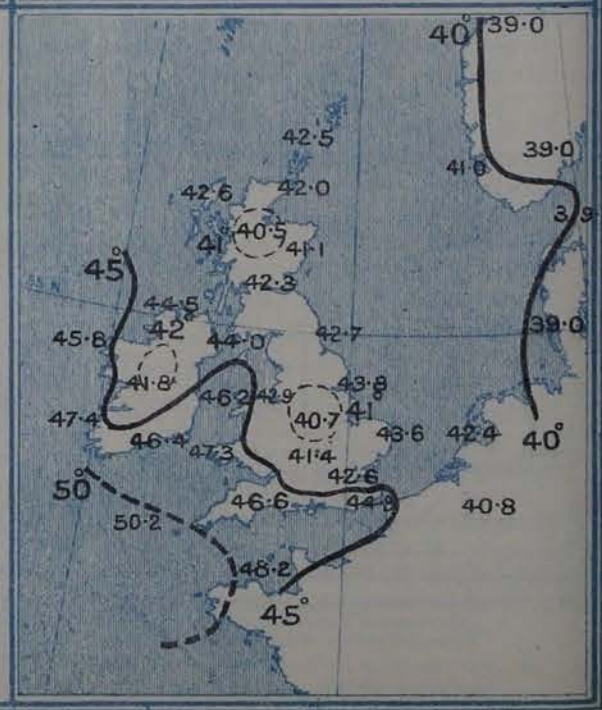


IV. LAST WEEK'S SUNSHINE.

Amount recorded in various districts of the United Kingdom during the week ended Sat. 17th Nov. *with the percentage of the average duration for the corresponding week.*

V. *Averages of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* NOVEMBER.

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometrical pressure continues highest, 30·5 ins. and upwards, in the central portion of an anticyclone lying over South Germany and the east of France. This system appears to be extending westwards and northwards, and the barometer is at present rising over Western Europe generally. The lowest pressures, 29·6 ins. and less, are found over the Hebrides and the neighbouring parts of the Atlantic. Over Ireland and the northern half of Great Britain the gradient for Southerly and South-Westerly winds is rather steep.

WIND

The wind is Southerly or South-Westerly over the whole of these Islands and the neighbouring parts of the Continent, and blows strongly on our western coasts, with a gale at Blacksod Point; in the west of Norway it draws into South-East and East. Variable or light Easterly breezes are reported over the South of France.

TEMPERATURE

The extension of the South-Westerly current has been accompanied by a further rise of temperature, the change in the past 24 hours amounting to as many as 25° at Nairn and 21° at Aberdeen and Leith. The thermometer is now above 55° over nearly the whole of England, Ireland and the South of Scotland, and is greatly above the average; at Leith the 8 a.m. reading, 59°, exceeds the normal by about 18°. Over the Southern parts of France and Germany the thermometer is below 45°, while in the northern half of Sweden it is below the freezing point, the lowest reading reported being 23° at Hernösand.

WEATHER AND SEA

The weather is cloudy or dull over north-western Europe as a whole, with rain on our own extreme north-west coasts, as well as at Skudesnaes, Frankfort and Munich. Fog prevails at several of the Continental stations, but in the west and South of France and over the Gulf of Bothnia the weather is fine and bright. The sea is rough on our south-western and extreme western coasts, and rather rough on the north coasts of France, but moderate or slight elsewhere.

During yesterday the thermometer rose to 55° and upwards over a considerable portion of the United Kingdom, to 60° at Birr Castle and to 61° at Leith. Over the South of England the night minima were mostly above 50°. At the majority of our stations there was an entire absence of bright sunshine. Rain has again fallen in many parts of Western Europe. An aurora was seen last evening at Karlstad.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The Continental anticyclone is likely to extend somewhat further over England, where the weather will remain fair and dry, with a reduction in temperature. In the extreme western and northern parts of the kingdom the weather will be influenced by depressions moving northeastwards over the Atlantic, and occasioning very strong Southerly and South-Westerly winds and some rain in the regions indicated.

FORECASTS*

For the 24 hours ending at NOON on 23rd November, 1906.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S. and S.W. winds, strong in places; mild, unsettled, some rain.	6 SCOTLAND WEST	Same as No. 0.
1 SCOTLAND EAST 2 ENGLAND N.E.	S.W. winds, moderate or fresh; fair generally, very mild.	7 ENGLAND N.W. 8 ENGLAND S.W	S. and S.W. winds, strong in places; fair, mild.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	S.W. winds, light or moderate; fair generally. Very mild today, cooler tomorrow	9 IRELAND NORTH 10 IRELAND SOUTH	S. winds, strong; dull, misty, some rain.
		WARNINGS	None Issued.

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

Noon

DAILY WEATHER REPORT. 22nd NOVEMBER, 1906

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F Max.	Temperature F Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Blackpool, to 9 p.m. ...	51	38	r, o, c, of	0·0	0·07	Eastbourne, to 6 p.m. ...	55	46	*	0·0	0·50
Southport, to 9 p.m.... ...	53	38	om, c, r, o	0·6	0·08	Bexhill-on-Sea, to 9 p.m.	54	?	r, m	0·0	0·60
Rhyl, to 6 p.m.	55	39	o, c, o	0·2	—	Hastings	*	*	*	0·0	*
Llandudno, to 9 p.m. ...	54	40	bc	0·2	—	Folkestone, to 6 p.m. ...	54	34	d, r, o	0·0	0·32
Bettws-y-Coed, to 6 p.m.	55	38	c, r, c	0·7	0·16	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m.	54	42	r, c, r	0·6	0·19	Margate, to 6 p.m. ...	57	37	r, o	0·0	0·26
Aberystwyth, to 6 p.m. ...	55	41	r, o, c	1·5	0·10	Lowestoft, to 6 p.m. ...	53	37	or, c	0·0	0·14
Plymouth, to 9 p.m. ...	56	49	or, od, o	0·0	0·88	Skegness	51	45	r, c	0·0	—
Torquay, to 6 p.m.	55	44	*	0·5	0·72	Scarborough, to 6 p.m. ...	46	37	*	0·0	0·06
Bournemouth, to 6 p.m. ...	55	38	*	0·0	0·64	Harrogate, to 6 p.m. ...	49	38	o m	0·0	0·09
Bognor, ...	*	*	?	0·2	*	Darwen, to 9 p.m.	50	34	omr, d	0·0	0·20
Worthing	53	36	o, r m	0·2	0·68	Manchester, to 9 p.m. ...	54	38	or, o	0·0	0·10
Brighton	53	39	*	0·2	0·48	Birmingham, to 9 p.m. ...	55	38	r, c, o	0·3	0·15

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS 21st Nov., 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins
St. Petersburg	43	36	r, r	0·28	Algiers ... 21st Nov., 1906.	68	54	bc, b	—
Utrecht...	46	37	b, o	0·08	Tunis	not	rec.		
Groningen	46	37	o, o	0·20	Madeira (Funchal)	not	rec.		
Vienna	50	36	b, b	—		1 p.m.		1 p.m.	Measured 7 a.m.
Florence	49	36	b, b	0·39	Geneva ... 20th Nov., 1906.	43	*	0	0·04
Rome	59	43	c, b	0·08	Berne	41	*	0	0·04
Naples	59	46	b, b	0·08	Coire	39	*	b	0·71
Palermo	69	51	b, bc	0·08	Castasegna...	not	* rec.		
Brindisi	66	44	b, b	0·39	Lugano	50	*	b	0·12
Malta	75	58	o	—	Davos...	27	*	b	0·59

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (,, ,,)	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

22nd Nov., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7·28	11·39	3·50
Greenwich	7·31	11·46	4·1
Wick	8·18	11·58	3·38
Valencia	8·14	12·27	4·40

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FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (*Director*).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

FRIDAY, Meteorological Office, London. 23RD NOVEMBER, 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda														*			*	*	
	Hernösand														*			*	*	
	Stockholm	30·28	42	S	2	r	30·07	−·26	47	47	+12	WSW	2	m	*	?47	37	*	*	0·04
	Wisby	30·35	44	S	4	r	30·20	−·18	50	50	+11	SW	4	o	*	?50	37	*	*	0·12
	Karlstad	30·17	43	S	2	r	30·12	−·14	48	48	+11	SSW	2	o	*	*	*	*	*	0·28
	Færder (X'iania Fjord)	30·08	41	WNW	1	f	30·11	−·06	47	46	+3	SW	6	m	3	63	?	*	*	0·39
	Bodö	30·04	32	E	4	b	29·83	−·24	36	34	+4	ESE	5	bc	2	?36	30	*	*	–
	Christiansund ...	29·83	48	SE	3	r	29·77	−·18	52	50	+11	SW	8	r	4	52	39	*	*	0·79
	Skudesnaes ...	30·06	50	S	4	o	30·21	+·26	49	49	+2	S	4	m	4	50	46	r, o	*	0·32
BRITISH ISLANDS.	Sumburgh Head	29·70	50	SW	2	o	29·77	+·15	52	51	+3	S	4	r	4	52	46	r, o	*	0·14
	Stornoway	29·66	55	WSW	5	r	29·76	+·20	55	55	+3	SW	7	r	7	56	51	d, r	0·0	0·54
	Malin Head ...	29·82	55	SW	6	c	?29·96	+·31	56	56	0	SW	6	cg	3	58	48	c	*	0·01
	Blacksod Pt. ...	29·85	56	S	8	rgm	30·01	+·35	55	54	−1	S	8	rgm	6	56	52	rgm	*	0·15
	Valencia	30·02	57	SSE	6	om	30·18	+·34	56	55	0	SSE	5	om	5	57	55	ogm, o	0·0	0·03
	Roche's Point ...	30·16	54	SSW	7	rgm	30·31	+·31	53	53	−1	SSW	5	fd	6	55	53	rgm	*	0·05
	Birr Castle ...	30·05	58	S	6	oq	30·21	+·32	57	55	−1	S	6	oq	*	59	54	oq	0·0	–
	Donaghadee ...	30·02	54	SSW	4	bc	30·22	+·37	53	53	−2	SSE	4	o	4	57	53	o, bc	*	–
	Liverpool Obsy...	30·28	56	SSW	4	o	30·40	+·33	53	50	−4	SE	3	bc	2	61	51	–	*	–
	Holyhead	30·19	55	SSW	6	oqdpm	30·34	+·31	52	51	−3	S	5	c	4	56	43	o, oqdp	*	0·02
	Pembroke (St. Ann's Hd.)	30·24	54	SSW	5	c	30·39	+·26	52	51	−3	S	6	bcm	6	56	51	c, cq	2·2	–
	Scilly (St. Mary's) ...	30·31	54	S	5	c	30·42	+·22	51	49	−2	S	4	bc	4	56	49	c	5·1	0·01
	Jersey (St. Aubins) ...	30·47	54	SE	3	bm	30·58	+·18	50	50	−5	ESE	3	f	3	59	49	c, bm, f	7·8	0·01
	Portland Bill ...	30·43	55	SSW	3	c	30·55	+·28	54	52	−1	SSW	2	o	4	57	53	bc, c	*	0·01
	Dungeness	30·48	54	SW	2	b	30·57	+·26	52	51	−3	S	3	o	2	56	51	o, b, f	3·5	0·02
	Wick	29·80	53	SW	2	c	29·84	+·21	56	54	+6	SW	4	c	3	58	49	–	*	–
	Nairn	29·76	57	W	2	b	29·86	+·23	60	55	+6	SW	5	c	3	61	54	–	3·5	0·01
	Aberdeen	29·93	57	SSW	2	c	30·08	+·31	55	53	+2	S	4	c	2	59	53	cgp, bcq	0·1	–
	Leith	29·98	58	S	5	c	30·11	+·30	57	53	−2	SSW	6	bq	*	62	55	–	*	–
	North Shields ...	30·11	56	SSW	4	o	30·26	+·31	55	52	−2	SSW	3	c	2	59	52	o	*	–
	Spurn Head ..	30·29	51	S	4	c	30·42	+·35	49	49	−6	SSW	4	o	3	59	48	–	*	–
	Yarmouth	30·36	54	SSW	4	bc	30·50	+·32	47	47	−9	SSW	3	f	3	59	47	c, bc	*	–
	Clacton-on-Sea ...	30·42	50	S	4	b	30·55	+·29	49	49	−3	SSW	2	o	2	56	48	o, c, bc	4·2	0·01
	Nottingham ...	30·30	56	SW	2	c	30·45	+·33	53	52	−4	WSW	2	cm	*	59	48	cm	0·3	–
	Bath	30·42	55	SW	2	b	30·52	+·25	54	52	−3	SW	1	m	*	60	51	–	4·2	–
	Oxford	30·47	52	SW	3	bc	30·53	+·26	53	52	−3	SSW	1	og	*	61	51	bc	*	–
	London (St. James' Park)	30·44	55	SW	3	b	30·52	+·26	52	51	−5	SW	1	om	*	61	47	o, b, c	3·5	–
GERMANY, &c.	The Scaw (Skagen)	30·20	52	W	4	m	30·25	+·08	51	50	+6	W	5	m	1	52	45	*	*	0·24
	Fanö	30·39	50	SW	4	bc	30·43	+·25	49	48	+3	SW	2	bc	*	50	45	*	*	0·08
	Cuxhaven	30·41	53	W	2	o	30·54	+·27	48	48	0	SW	3	o	*	54	46	f, rm, o	*	0·04
	The Helder ...	30·46	52	SW	2	b	30·58	+·34	50	49	−3	WSW	2	b	1	53	50	*	*	–
	Brussels	*	*	*	*	*	30·65	+·29	44	44	−10	SE	1	f	*	57	44	*	*	–
	Berlin	30·52	45	S	1	o	30·59	+·18	52	51	+14	W	2	o	*	52	38	*	*	0·04
	Frankfurt	30·60	50	SW	3	o	30·65	+·22	50	50	+4	S	1	f	*	50	41	*	*	0·20
	Munich	30·66	45	Z	0	f	30·75	+·19	38	38	−4	SSW	1	c	*	46	37	*	*	0·04
FRANCE.	C. Gris Nez ...	30·52	53	SW	4	b	30·60	+·29	48	47	−6	SSE	3	f	3	57	46	*	*	0·04
	Brest	30·42	55	SSE	4	b	30·47	+·16	54	53	−1	SSW	3	o	?7	55	50	*	*	–
	Lorient	30·46	55	SE	3	b	30·51	+·13	52	50	−2	SE	3	m	6	61	48	*	*	–
	Rochefort	30·51	58	E	1	b	30·51	+·10	52	51	+3	E	3	m	*	62	49	b	*	–
	Biarritz	30·48	58	E	3	b	30·49	+·14	54	54	+6	W	1	m	2	68	?48	*	*	–
	Paris	30·32	54	S	1	o	30·63	+·19	51	51	−2	2	0	o	*	57	50	*	*	–
	Belfort...	30·60	48	W	2	f	30·62	+·09	47	47	+3	E	6	f	*	51	43	*	*	0·04
	Lyons	30·56	50	N	3	b	30·61	+·05	47	46	+6	N	1	f	*	57	?41	*	*	–
	Nice	30·42	49	E	2	b	30·49	+·10	50	43	+7	E	1	b	1	59	?43	*	*	–
	Perpignan	30·46	50	Z	0	b	30·52	+·07	43	43	+2	WSW	1	b	*	66	41	*	*	–
SPAN. PEN.	Corunna																	*	*	
	Lisbon	30·41	56	NNE	3	b	30·42	+·04	52	48	+2	NNE	4	b	*	59	50	*	*	–
	Azores (P. Delgada)...	29·50	68	S	9	m	29·65	+·11	64	61	−2	SSW	5	o	7	68	59	*	*	0·95
	,, (Horta) ...	29·33	58	SW	4	r	29·53	+·37	60	56	−1	SW	4	c	3	68	55	*	*	0·63

NOTES:—(a) *At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + ·03 in., but for Sumburgh Head + ·04 in.; for stations South of Malin Head and North Shields + ·02 in., but for Scilly and Jersey + ·01 in.*

(b) *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

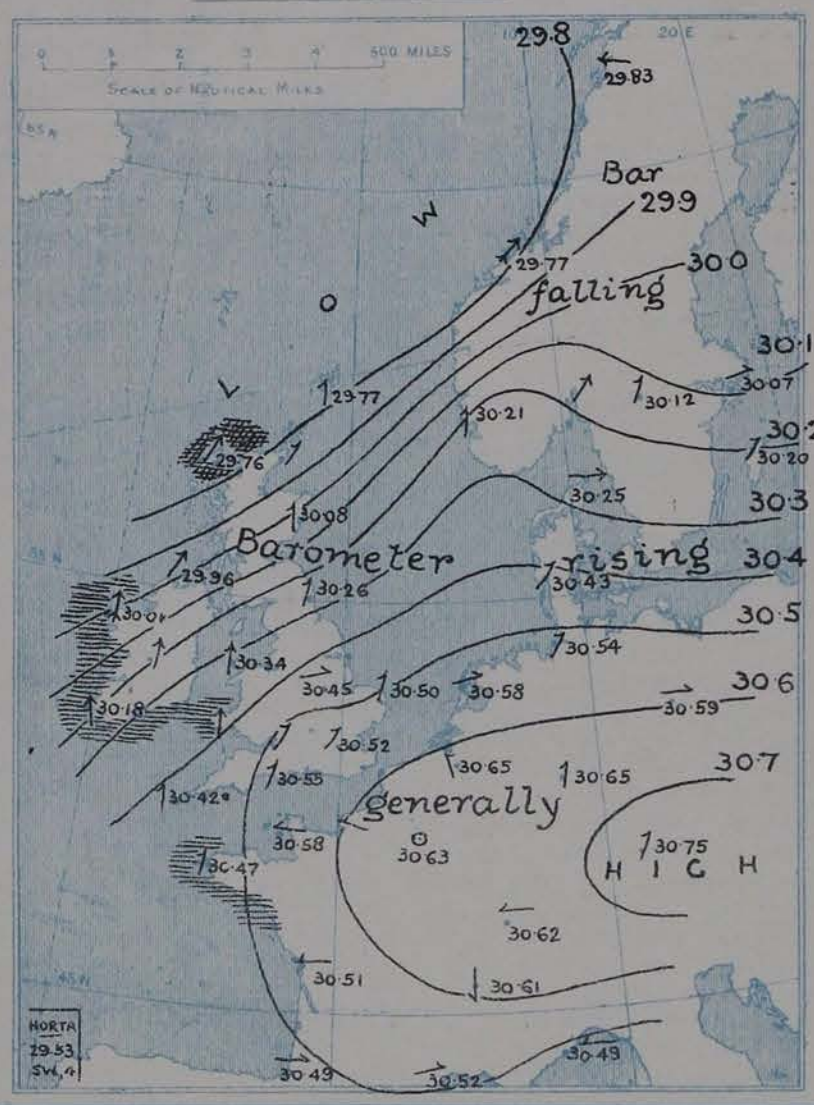
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR FRIDAY, 23rd NOVEMBER, 1906.

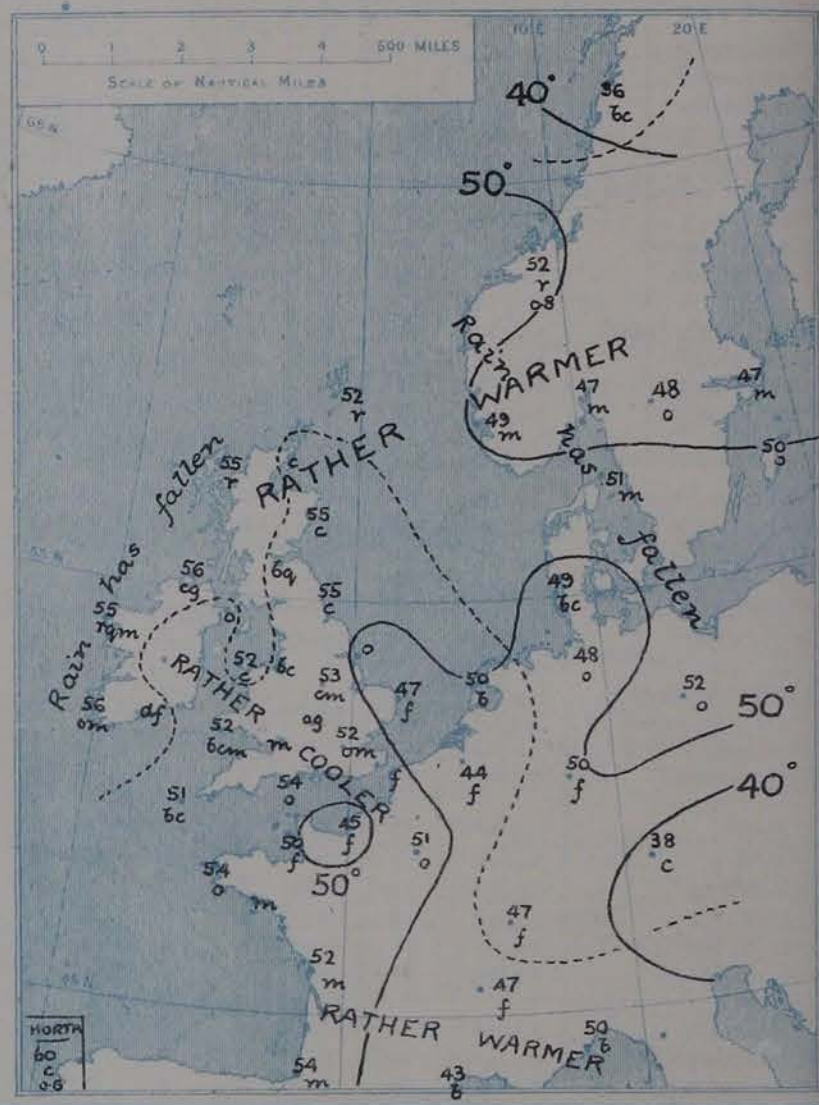
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 — *Force 8 to 10* — *Force 5 to 7* — *Force 1 to 4* — Calm
SEA.—Rough — *High*



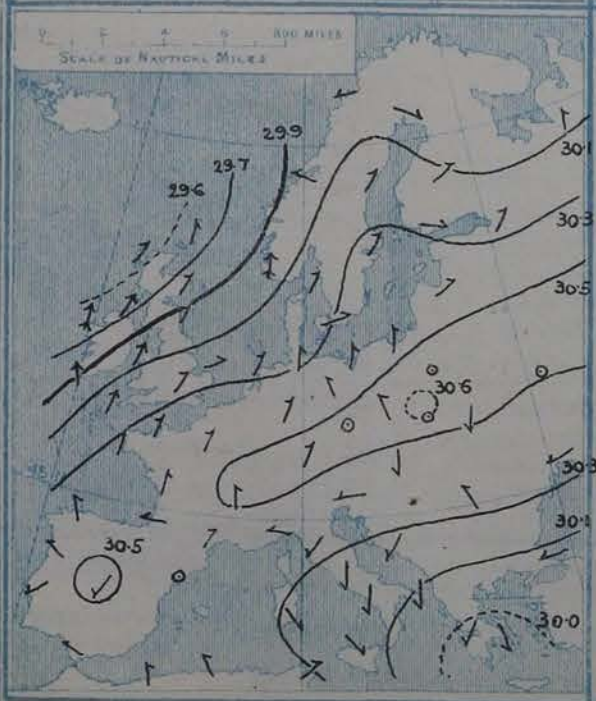
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0·6



III. BAROMETER AND WIND

Yesterday morning.

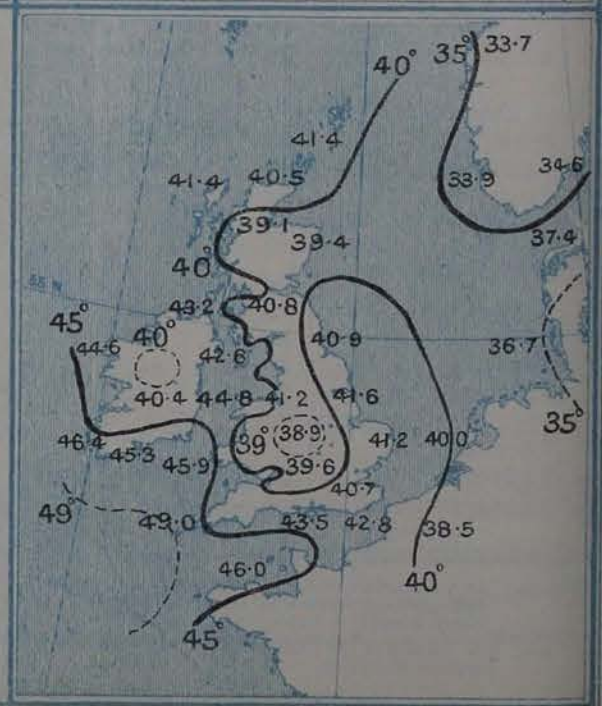


IV. RAINFALL IN 1906.

Total Amount recorded in various districts of the United Kingdom in the 46 weeks ended Saturday 17th Nov. with the percentage of the average amount for the corresponding period.

V. *Averages of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* NOVEMBER – DECEMBER

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The Continental anticyclone has increased in intensity, and has extended its borders over England and the southern parts of the North Sea; the central portion of the system still lies over South Germany, where the barometer is now above 30.7 ins. A large area of low pressure, in which readings are below 29.8 ins. is now approaching the Norwegian coasts from the westward, and at the Scandinavian stations the barometer is falling. In other parts of Western Europe the mercury continues to rise slowly. A steep gradient for South-westerly winds prevail over Ireland, Scotland and the west of Norway.

WIND

Southerly or South-westerly winds still prevail over these Islands and the northern parts of the Continent, and are strong to a gale in force on our own extreme north-west coasts, as well as in the west of Norway. Over the greater part of France the wind is Easterly or South-Easterly, but in the Southern Departments it is rather variable. The extension of the anticyclone has resulted in a reduction of temperature over Ireland, England and the neighbouring parts of the Continent. The readings of the thermometer are, however, still above the average over Western Europe generally, and especially in Ireland and Scotland, where they are mostly above 55°.

TEMPERATURE

At Nairn the reading is as high as 60° and is about 20° above the average for the time of year. The Continental values are mostly high, but at Brussels the reading is only 44°, while at Munich it is as low as 38°.

WEATHER AND SEA

The weather is fair or fine at several of our own western and northern stations, but is very cloudy over Western Europe generally, with rain in the extreme north and north-west of these Islands, and also in the west of Norway. Fog prevails in France and Belgium, and on some neighbouring parts of the English Coasts. The sea is rough on our extreme South-western, western and northern coasts, but is moderate or slight elsewhere.

In the course of yesterday the thermometer rose to 60° or slightly above it in many parts of Great Britain, the highest reading reported being 62° at Leith, Argyl, Glandudno and Bettws-y-Coed. At the Channel stations the amount of bright sunshine was considerable, – more than 7½ hours at Torquay and Jersey; in Ireland and the north of England there was little or none. Rain has fallen in Ireland, the west and north of Scotland and the northern and central parts of the Continent.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The weather over England is likely to remain for the present under the influence of the large Continental anticyclone, and some further reduction in temperature is probable, with mist or fog in many places. In the extreme western and northern parts of the United Kingdom the conditions will be affected by depressions passing north-eastwards over the upper parts of the Atlantic, and at some of the outlying stations the Southerly and South-westerly winds will blow with the force of a gale.

FORECASTS*

For the 24 hours ending at NOON on 24th November, 1906.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S.W. winds, strong to a gale; mild, unsettled, some rain.
1 SCOTLAND EAST	S.W. winds, strong in places; fair at first, some showers later. Rather cooler.
2 ENGLAND N.E.	S.W. winds, moderate; fair generally. Rather cooler.
3 ENGLAND EAST	Light breezes, chiefly S.; cloudy generally, some fog or mist. Cooler.
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	

DISTRICTS.	FORECASTS.
6 SCOTLAND WEST	S. and S.W. winds, strong to a gale; mild, unsettled, some rain.
7 ENGLAND N.W.	S. winds, strong in places; fair generally. Rather cooler.
8 ENGLAND S.W	
9 IRELAND NORTH	Same as No. 6.
10 IRELAND SOUTH	S. winds, fresh or strong; dull, misty, slight rain in places.
WARNINGS	At 10.10 a.m. to-day to districts 0, 6, and parts of 1 and 9. "Hoist South Cone".

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

0. 1 pm.

DAILY WEATHER REPORT. 23rd November, 1906

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F Max.	Temperature F Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Blackpool, to 9 p.m. ...	59	51	r, c, o	0·0	0·11	Eastbourne, to 6 p.m. ...	59	49	*	5·9	0·04
Southport, to 9 p.m.... ...	60	51	c	0·2	0·02	Bexhill-on-Sea, to 9 p.m.	57	54	r, b	4·5	0·04
Rhyl, to 6 p.m.	62	52	bc, o	0·8	—	Hastings	*	*	*	2·0	*
Llandudno, to 9 p.m. ...	62	53	bc	3·0	—	Folkestone, to 6 p.m. ...	56	51	o, b, o, b, o	1·9	0·02
Bettws-y-Coed, to 6 p.m.	62	55	r, c, r	2·6	0·28	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m.	58	50	o, c, o	0·6	0·08	Margate, to 6 p.m. ...	60	49	b	4·3	0·01
Aberystwyth, to 6 p.m. ...	57	49	r, c, o	0·5	0·04	Lowestoft, to 6 p.m. ...	59	49	bc, b	1·7	—
Plymouth, to 9 p.m. ...	58	54	bc	6·7	—	Skegness	60	52	bc, b	5·4	—
Torquay, to 6 p.m.	59	53	*	7·6	0·03	Scarborough, to 6 p.m. ...	60	46	*	0·0	0·01
Bournemouth, to 6 p.m. ...	60	54	*	6·0	0·02	Harrogate, to 6 p.m. ...	57	45	c, b	0·0	0·01
Bognor, ...	*	*	b	6·9	*	Darwen, to 9 p.m.	56	47	o m r, c q m	0·0	0·06
Worthing	57	50	o, c, b	6·2	—	Manchester, to 9 p.m. ...	59	53	o	0·0	0·01
Brighton	57	51	*	4·7	0·01	Birmingham, to 9 p.m. ...	60	52	c	1·0	—

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS 22nd Nov., 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins
St. Petersburg	?	39	c, o	0·04	Algiers ... 22nd Nov., 1906.	66	55	b, bc	—
Utrecht...	54	41	r, m	0·08	Tunis	64	48	bc, bc	—
Groningen	54	37	o, m	0·04	Madeira (Funchal)	not	rec'd.		
Vienna	46	30	b, b	—		1 p.m.		1 p.m.	Measured 7 a.m.
Florence	55	42	f, b	—	Geneva ... 21st Nov., 1906.	43	*	bc	—
Rome	59	46	o, b	—	Berne	37	*	bc	0·04
Naples	60	47	c, c	—	Coire	36	*	o	—
Palermo	63	47	b, o	—	Castasegna...	43	*	o	—
Brindisi	63	41	b, m	—	Lugano	48	*	o	—
Malta	63	59	c	—	Davos...	28	*	o	0·04

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (,, ,,)	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

23rd Nov., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7·29	11·39	3·49
Greenwich	7·32	11·46	4·0
Wick	8·20	11·58	3·36
Valencia	8·15	12·27	4·39

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Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (*Director*).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Saturday, **Meteorological Office, London.** 24th NOVEMBER, 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	29.91	30	N	2	o	29.65	-.51	33	33	-7	S	2	f	*	?33	9	*	*	0.08
	Hernösand	29.91	38	Z	0	r	29.88	-.07	41	40	+5	Z	0	bc	*	?41	32	*	*	0.08
	Stockholm	30.04	50	WSW	2	o	30.04	-.03	49	48	+2	W.	4	o	*	50	43	*	*	—
	Wisby...	30.15	50	SW	4	b	30.12	-.08	48	47	-2	WSW	2	bc	*	52	41	*	*	—
	Karlstad	30.11	50	SW	2	o	30.10	-.02	49	48	+1	SW	2	c	*	*	*	*	*	—
	Færder (X'iania Fjord)	30.08	47	SW	7	m	30.15	+.04	47	47	0	SW	5	m	4	47	46	*	*	—
	Bodö	29.57	39	ESE	6	o	29.65	-.18	44	43	+8	SW	6	o	3	?44	34	*	*	0.28
	Christiansund ...	29.79	53	SW	8	r	29.89	+.12	52	51	0	SW	6	r	5	54	50	*	*	3.35
	Skudesnaes ...	30.22	50	S	4	o	30.23	+.02	49	49	0	S	4	o	4	50	48	m, o	*	—
BRITISH ISLANDS.	Sumburgh Head	29.88	54	WSW	5	r	29.93	+.16	50	48	-2	WSW	3	c	5	54	44	r	*	0.62
	Stornoway	29.92	55	SW	6	r	29.91	+.15	53	52	-2	SW	7	o	7	56	50	d, r	0.0	0.18
	Malin Head ...	30.09	57	SW	6	c	30.00	+.04	50	50	-6	SSW	7	bc	4	59	49	c	*	—
	Blacksod Pt. ...	30.09	55	S	8	ogm	30.09	+.08	54	53	-1	S	8	ogmp	7	56	53	rgm, o	*	0.06
	Valencia	30.23	55	SSE	5	og	30.26	+.08	56	54	0	SSE	3	cm	4	56	53	om, og	0.0	0.04
	Roche's Point ...	30.33	53	S	4	o	30.37	+.06	53	52	0	SSW	3	om	4	54	50	m, o	*	0.03
	Birr Castle ...	30.28	57	S	4	o	30.26	+.05	52	50	-5	S	5	b	*	59	48	o	0.0	—
	Donaghadee ...	30.28	54	SSW	3	o	30.27	+.05	49	49	-4	SSW	4	c	3	57	49	c, bc, o	*	—
	Liverpool Obsy...	30.45	51	SE	2	b	30.43	+.03	46	45	-7	SE	3	b	2	59	44	b	*	—
	Holyhead	30.39	52	SW	5	b	30.38	+.04	52	52	0	SSW	6	o	4	54	42	c, b	*	—
	Pembroke (St. Ann's Hd.)	30.43	52	S	4	b	30.44	+.05	52	52	0	S	4	om	5	55	50	bcm, f	5.9	—
	Scilly (St. Mary's) ...	30.44	53	SSE	3	cw	30.45	+.03	53	52	+2	S	4	om	4	56	50	b, cw	7.7	0.02
	Jersey (St. Aubins) ...	30.56	50	ESE	2	bm	30.55	-.03	50	49	0	SE	3	ogm	3	51	48	of, bm, d	1.1	0.01
	Portland Bill ...	30.56	52	SE	1	f	30.52	-.03	51	50	-3	SE	2	f	5	54	49	o, f	*	0.01
	Dungeness	30.57	51	SSW	2	o	30.56	-.01	50	49	-2	S	2	f	1	53	48	o	0.1	—
	Wick	29.95	54	SW	4	c	29.95	+.11	53	50	-3	SW	4	b	3	59	50	—	*	—
	Nairn	30.00	60	SW	5	c	30.03	+.17	52	48	-8	WSW	3	c	1	62	49	—	2.1	0.02
	Aberdeen	30.14	58	SSW	4	c	30.15	+.07	51	48	-4	SSW	3	b	2	59	51	c, cg, b	0.7	—
	Leith	30.21	57	SW	3	bc	30.22	+.11	53	49	-4	SW	3	b	*	61	51	bc	*	—
	North Shields ...	30.33	56	SSW	3	c	30.33	+.07	49	46	-6	SSW	3	c	2	60	45	c	*	—
	Spurn Head ..	30.44	49	SSW	4	c	30.44	+.02	47	47	-2	SSW	4	f	2	55	45	c, f	*	—
	Yarmouth	30.50	53	SW	4	c	30.52	+.02	46	46	-1	SSW	3	f	3	53	44	c	*	0.01
	Clacton-on-Sea ...	30.57	49	S	3	f	30.57	+.02	47	47	-2	S	2	f	2	52	46	o, bc, of	1.4	0.01
	Nottingham ...	30.48	48	SW	1	b	30.48	+.03	47	47	-6	SW	1	omw	*	58	45	cm, b	5.3	—
	Bath	30.54	53	W	1	o	30.53	+.01	49	48	-5	SE	1	o	*	59	48	—	5.1	—
	Oxford	30.56	51	SSW	1	o	30.55	+.02	46	46	-7	S	2	o	*	57	46	b, o	*	—
	London (St. James' Park)	30.55	52	SW	1	o	30.55	+.03	48	47	-4	SW	1	om	*	55	47	om	0.0	—
GERMANY, &c.	The Scaw (Skagen)	30.26	50	WNW	6	m	30.28	+.03	50	49	-1	W	6	m	3	54	50	*	*	—
	Fanö	30.49	49	SW	4	c	30.45	+.02	49	48	0	WSW	4	m	*	52	46	*	*	—
	Cuxhaven	30.58	50	SW	4	o	30.57	+.03	47	47	-1	W	3	f	*	54	46	o, f	*	—
	The Helder ...	30.60	50	SW	3	o	30.59	+.01	48	47	-2	SW	2	f	1	52	48	*	*	—
	Brussels	*	*	*	*	*	30.64	-.01	45	45	+1	SSE	1	f	*	56	42	*	*	—
	Berlin	30.59	51	W	1	b	30.58	-.01	45	44	-7	W	1	o	*	54	45	*	*	—
	Frankfurt	30.68	52	SE	1	o	30.65	.00	49	48	-1	SE	1	o	*	52	48	*	*	—
	Munich	30.71	42	E	2	b	30.73	-.02	36	36	-2	S	1	f	*	52	36	*	*	—
FRANCE.	C. Gris Nez ...	30.60	51	S	3	f	30.55	-.05	45	45	-3	S	1	m	2	55	43	*	*	—
	Brest	30.49	51	ESE	3	m	30.49	+.02	51	51	-3	SE	4	m	5	54	48	*	*	—
	Lorient	30.51	55	SE	3	m	30.51	.00	50	49	-2	SE	3	o	5	59	48	*	*	—
	Rochefort	30.50	52	E	1	b	30.52	+.01	47	46	-5	E	2	b	*	62	43	b	*	—
	Biarritz	30.45	58	E	3	m	30.48	-.01	57	51	+3	SE	2	b	2	61	52	*	*	—
	Paris	30.62	51	E	2	o	30.62	-.01	51	50	0	SSE	2	o	*	54	50	*	*	—
	Belfort...	30.61	48	E	5	f	30.63	+.01	45	45	-2	E	4	f	*	49	45	*	*	—
	Lyons	?30.62	48	N	1	o	30.64	+.03	45	44	-2	N	1	o	*	50	45	*	*	0.02
	Nice	30.49	53	Z	0	b	30.50	+.01	50	44	0	E	2	b	0	63	48	*	*	—
	Perpignan	30.52	48	Z	0	b	30.56	+.04	43	43	0	?E	1	b	*	60	41	*	*	—
SPAN. PEN.	Corunna																	*	*	
	Lisbon	30.37	57	NNE	4	b	30.41	+.01	51	48	-1	NNE	4	b	*	63	48	*	*	—
	Azores (P. Delgada)...	29.90	62	SSW	3	b	30.02	+.37	58	55	-3	N	3	b	5	66	57	*	*	—
	,, (Horta) ...	29.90	56	NW	1	b	30.02	+.49	55	51	-5	NW	3	b	2	64	54	*	*	—

NOTES:—(a) *At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + ·03 in., but for Sumburgh Head + ·04 in.; for stations South of Malin Head and North Shields + ·02 in., but for Scilly and Jersey + ·01 in.*

(b) *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

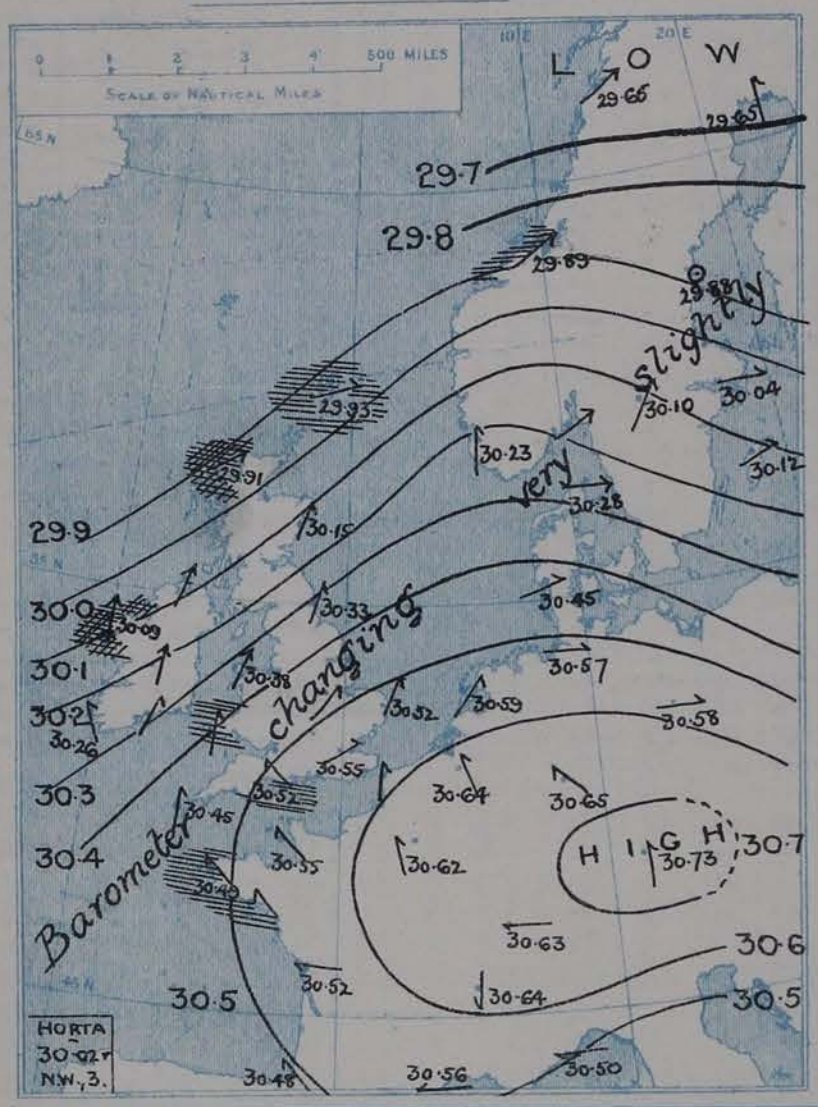
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR Saturday, 24TH NOVEMBER, 1906.

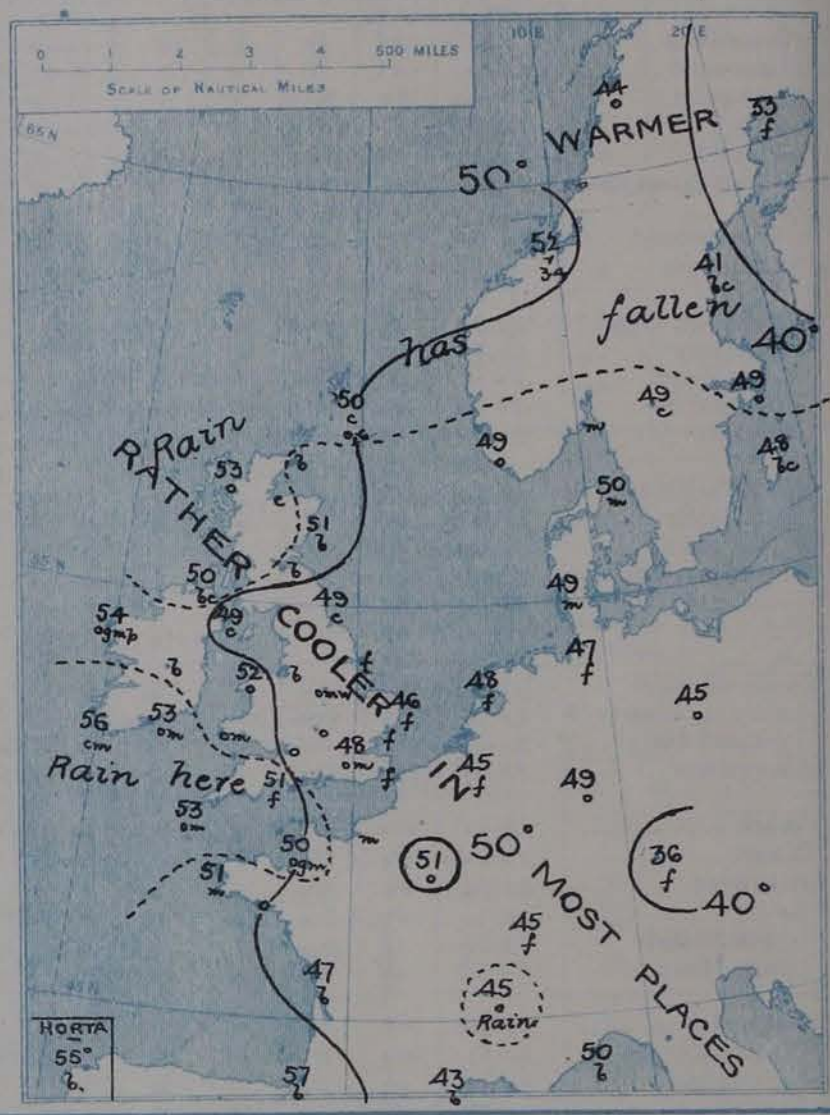
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 — *Force 8 to 10* — *Force 5 to 7* — *Force 1 to 4* — } Calm ⊙
SEA.—Rough *High*



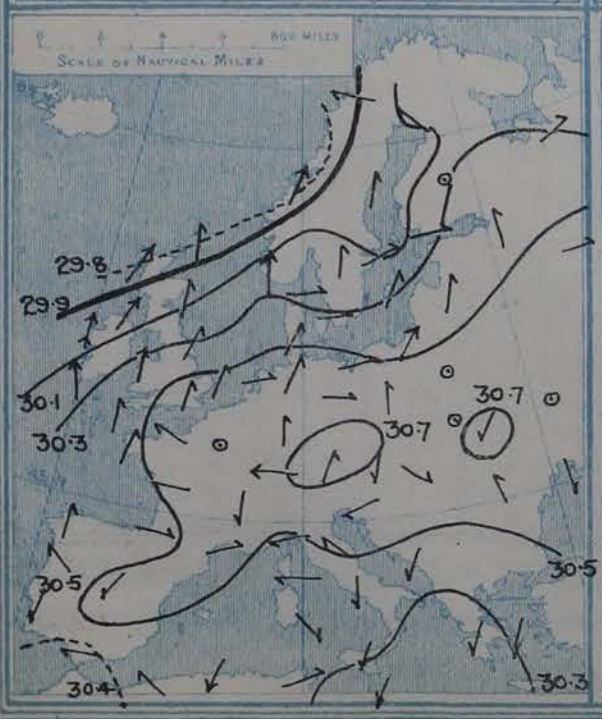
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6



III. BAROMETER AND WIND

Yesterday morning.

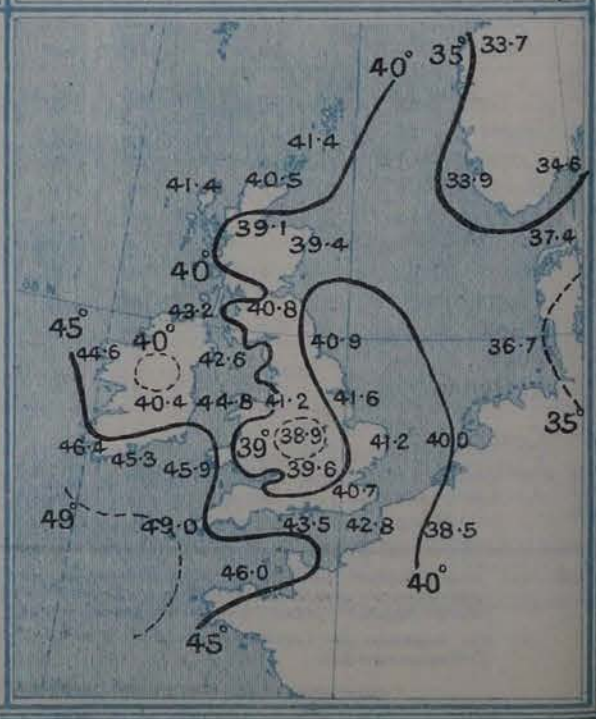


IV. BRIGHT SUNSHINE IN 1906.

Total Duration recorded in various districts of the United Kingdom in the 46 weeks ended Saturday 17TH NOVR. with the percentage of the average duration for the corresponding period.

V. *Averages of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* NOVEMBER – DECEMBER

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The only important change that has occurred in the general distribution of pressure since yesterday morning is that the barometer, instead of being lowest off our north-west coasts, is now lowest in the north of Scandinavia. The reading, both at Bodö and Haparanda, is 29·65 ins., while at Stornoway the value is 29·91 ins. The central space of the anticyclone appears to be over Bavaria, and the highest reading reported is 30·73 ins. at Munich.

WIND · TEMPERATURE · WEATHER AND SEA

The Southerly wind still blows a gale at Blacksod Point, and the South-Westerly current continues very strong on our extreme North-West coasts generally, and also along the west coast of Norway. Nearer the anticyclonic region the wind has very little force. Temperature has again fallen several degrees in most places, but it has risen rather briskly in the extreme north of Norway. Over these Islands it is now below 50° in many places in England, and the highest reading reported is 56° on the south-west coast of Ireland. On the Continent the thermometer is above 50° on the west coast of Norway and in various parts of France, but the readings decrease to 36° at Munich and to 33° at Haparanda. The sky is clear on the west and south coasts of France, as well as at a few stations over the United Kingdom; as a whole, however, the weather is overcast, with mist or fog on our eastern and southern coasts, as well as at the mouth of the Elbe, Munich, Belfort, The Helder and Brussels. Showers are falling on the north-west coast of Ireland and rain at Christiansund. The sea is high at Blacksod Point and in The Minch, rather rough at Christiansund and on various parts of our western and south-western coasts and also on the west coast of Brittany; elsewhere it is moderate to smooth.

During yesterday the thermometer rose to 62° at Nairn and Southport, to 61° at Leith and Rhyl, and to about 60° in several other parts of the United Kingdom. Very little bright sunshine was recorded except over the midland counties and along our west and south-west coasts. Very heavy rain – 3·4 ins. – is reported to have fallen at Christiansund, 0·6 in. at Sumburgh Head, and very slight amounts in a few other parts of our Islands.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The changes in progress are too slight to lead to any great modification in the type of weather now prevalent. There may, however, be an increased tendency for fog over England.

FORECASTS*

For the 24 hours ending at NOON on 25th NOVEMBER, 1906.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S.W.ly winds, strong or fresh; mild, changeable, some showers.
1 SCOTLAND EAST	S.ly or S.W.ly winds, light or moderate; fair as a whole, local mists; rather mild.
2 ENGLAND N.E.	
3 ENGLAND EAST	Light winds, mainly between S.W. and S.E.; mist or fog in several places, otherwise fair; rather mild.
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	
6 SCOTLAND WEST	Same as No. 0.
7 ENGLAND N.W.	S.ly winds, fresh or strong in exposed places; fair generally, some local showers; mild.
8 ENGLAND S.W.	Same as Nos. 3 to 5.
9 IRELAND NORTH	S.ly and S.W.ly winds, fresh or strong; mild, showery.
10 IRELAND SOUTH	S.ly or S.W.ly winds, moderate; some showers, but mostly fair; mild.
WARNINGS	The SOUTH CONE is still flying in districts 0, 6, and parts of 1 and 9.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

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DAILY WEATHER REPORT.

24th November, 1906

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F Max.	Temperature F Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Blackpool, to 9 p.m. ...	60	44	o, c, bc, b	3.2	–	Eastbourne, to 6 p.m. ...	56	51	*	0.3	0.02
Southport, to 9 p.m.... ...	62	48	c, b, c, b	4.8	–	Bexhill-on-Sea, to 9 p.m.	55	50	v	2.0	0.03
Rhyl, to 6 p.m.	61	54	o, c	5.0	–	Hastings	*	*	*	0.1	*
Llandudno, to 9 p.m. ...	60	54	bc	5.4	–	Folkestone, to 6 p.m. ...	53	46	o	0.0	0.01
Bettws-y-Coed, to 6 p.m.	60	53	c, b	5.2	0.03	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m.	58	52	c, b	5.2	–	Margate, to 6 p.m. ...	53	49	d, b, o	1.7	0.01
Aberystwyth, to 6 p.m. ...	58	52	c, b, c	5.0	–	Lowestoft, to 6 p.m. ...	52	47	o, c, om	0.0	–
Plymouth, to 9 p.m. ...						Skegness	54	47	m, bc, c	4.0	–
Torquay, to 6 p.m.	53	?51	*	0.0	–	Scarborough, to 6 p.m. ...	58	49	*	1.7	–
Bournemouth, to 6 p.m. ...	54	52	*	0.0	0.01	Harrogate, to 6 p.m. ...	57	48	b	2.8	–
Bognor, ...	*	*	b, om	1.5	*	Darwen, to 9 p.m.	55	45	om, bem	4.4	0.01
Worthing	54	50	bw, b, of	2.5	0.25	Manchester, to 9 p.m. ...	57	48	o, bc	4.8	–
Brighton	55	51	*	3.1	0.01	Birmingham, to 9 p.m. ...	56	48	b, c, o	5.0	–

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS 23rd Nov., 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins
St. Petersburg	41	36	o, o	–	Algiers 23rd Nov., 1906.	70	57	bc, bc	0.08
Utrecht...	55	45	b, f	–	Tunis	not	received.		
Groningen	55	45	c, c	–	Madeira (Funchal)	not	received.		
Vienna	46	37	o, bc	–		1 p.m.		1 p.m.	Measured 7 a.m.
Florence	57	46	b, b	–	Geneva 22nd Nov., 1906	46	*	b	
Rome	59	45	b, b	–	Berne	50	*	bc	–
Naples	57	50	b, b	–	Coire	46	*	o	–
Palermo	63	46	bc, b	–	Castasegna...	45	*	bc	–
Brindisi	58	47	b, b	–	Lugano	48	*	b	–
Malta	64	59	c	–	Davos...	39	*	o	0.04

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (,, ,,)	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

24th Nov., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.31	11.40	3.48
Greenwich	7.34	11.47	3.59
Wick	8.22	11.59	3.35
Valencia	8.17	12.28	4.38

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METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(Telegraphic Address: WEATHER, LONDON.)

W. N. SHAW, (*Director*).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Sunday, **Meteorological Office, London.** 25TH NOVEMBER, 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
CONTINENT.	Haparanda	29.64	26	Z	0	f	29.43	-.22	32	32	-1	Z	0	0	*	34	25	*	*	—
	Hernösand	29.78	46	Z	0	f	29.68	-.20	50	45	+9	W	2	b	*	?50	34	*	*	—
	Stockholm	29.99	49	W	4	0	29.84	-.20	47	45	-2	W	6	c	*	52	47	*	*	—
	Wisby	30.09	46	WSW	4	b	29.91	-.21	48	46	0	WNW	4	c	*	52	45	*	*	—
	Karlstad	30.07	46	SSW	2	b	29.95	-.15	48	46	-1	Z	0	bc	*	*	*	*	*	—
	Færder (X'iania Fjord)	30.08	47	SW	6	b	29.99	-.16	48	46	+1	WSW	6	bc	3	48	46	*	*	—
	Bodö	29.52	41	SW	4	r	29.59	-.06	40	38	-4	W	6	r	3	45	34	*	*	0.55
	Christiansund ...	29.73	53	WSW	6	r	29.99	+.10	44	41	-8	W	7	c	6	54	43	*	*	1.02
	Skudesnaes ...	30.18	49	SW	4	0	30.24	+.01	46	45	-3	NW	4	0	3	50	46	0	*	0.04
BRITISH ISLANDS.	Sumburgh Head	29.87	52	WSW	4	0	30.16	+.23	45	43	-5	W	4	0	4	54	44	0	*	0.01
	Stornoway	30.05	53	SW	7	0	30.27	+.36	46	46	-7	SW	1	0	1	56	43	0	0.0	0.08
	Malin Head ...	30.27	52	SSW	3	rm	30.28	+.28	51	51	+1	S	4	rf	2	56	49	c, rm	*	0.09
	Blacksod Pt. ...	30.28	52	SSW	3	rm	30.34	+.25	53	52	-1	SSW	5	rm	4	56	50	om, rm	*	0.24
	Valencia	30.37	56	S	3	0	30.45	+.19	49	48	-7	SSW	1	bc	3	58	49	om, 0	0.5	—
	Roche's Point ...	30.45	52	SSW	3	f	30.52	+.15	49	49	-4	S	2	m	3	54	49	f	*	0.02
	Birr Castle ...	30.36	54	SSE	3	c	30.42	+.16	48	47	-4	S	2	bc	*	59	46	c, p	3.4	0.01
	Donaghadee ...	30.33	52	WSW	3	bc	30.37	+.10	49	48	0	WSW	2	c	2	54	48	bc, om	*	—
	Liverpool Obsy...	30.47	51	SE	1	b	30.50	+.07	40	40	-6	SE	2	f	?	?57	40	bm	*	—
	Holyhead	30.45	51	SW	5	om	30.45	+.07	50	50	-2	SSW	5	0	4	53	49	c, om	*	—
	Pembroke (St. Ann's Hd.)	30.48	52	S	4	0	30.52	+.08	49	49	-3	SSW	3	og	3	53	48	og, 0	0.0	—
	Scilly (St. Mary's) ...	30.49	50	SSW	2	f	30.53	+.08	50	50	-3	SSE	2	m	3	54	49	0, f	0.0	0.04
	Jersey (St. Aubins) ...	30.55	52	SSE	2	ogm	30.58	+.03	51	50	+1	WNW	2	ogm	2	53	48	ogm	0.0	—
	Portland Bill ...	30.52	51	SSE	1	0	30.54	+.02	51	49	0	WSW	1	0	3	55	50	0	*	0.01
	Dungeness	30.55	51	SW	2	0	30.52	-.04	50	49	0	W	1	0	0	51	49	0	0.0	—
	Wick	29.99	53	W	4	b	30.25	+.30	46	44	-7	W	1	b	2	58	43	—	*	0.01
	Nairn	30.11	55	WSW	2	b	30.28	+.25	46	46	-6	Z	0	0	1	59	45	—	4.0	0.01
	Aberdeen	30.16	55	SSW	4	c	30.33	+.18	49	48	-2	NW	1	0	2	56	49	c, bq	4.6	—
	Leith	30.26	58	WSW	4	0	30.32	+.10	56	53	+3	W	1	0	*	60	52	—	*	—
	North Shields ...	30.35	55	SW	3	c	30.39	+.06	46	45	-3	SW	1	cm	2	58	44	b, cm	*	—
	Spurn Head ..	30.45	47	SW	1	b	30.44	.00	44	44	-3	W	3	f	2	52	44	0, f	*	—
	Yarmouth	30.50	49	SW	3	f	30.49	-.03	46	46	0	W	3	f	3	49	45	0, f	*	0.01
	Clacton-on-Sea ...	30.56	48	S	1	f	30.53	-.04	47	47	0	SW	2	0	2	49	45	f, om, 0	0.0	—
	Nottingham ...	30.49	48	WSW	1	0	30.49	+.01	44	44	-3	SW	1	f	*	51	44	bm, 0	1.4	0.01
	Bath	30.55	50	S	1	m	30.56	+.03	48	47	-1	W	1	m	*	52	47	—	0.0	—
	Oxford	30.57	48	SSW	1	0	30.54	-.01	48	47	+2	WSW	1	0	*	51	46	0, od	*	0.01
	London (St. James' Park)	30.55	50	SW	1	0	30.51	-.04	49	47	+1	SW	1	c	*	52	48	og	0.0	—
GERMANY, &c.	The Scaw (Skagen)	30.23	49	WNW	6	b	30.15	-.13	49	48	-1	WNW	6	m	2	50	48	*	*	—
	Fanö	30.42	48	SW	2	b	30.38	-.07	48	48	-1	WSW	4	m	*	50	46	*	*	—
	Cuxhaven	30.55	45	W	2	f	30.48	-.09	47	46	0	W	4	f	*	48	43	f	*	—
	The Helder ...	30.56	48	SW	3	f	30.51	-.08	49	49	+1	SW	3	0	2	?	48	*	*	—
	Brussels	*	*	*	*	*	30.59	-.05	44	44	-1	SW	1	f	*	48	43	*	*	—
	Berlin	30.52	47	Z	0	b	30.44	-.14	46	44	+1	W	1	b	*	50	45	*	*	—
	Frankfurt	30.65	45	SE	1	0	30.61	-.04	40	40	-9	SW	1	0	*	52	39	*	*	—
	Munich	30.69	39	SE	2	f	30.69	-.04	33	33	-3	E	2	f	*	43	30	*	*	—
FRANCE.	C. Gris Nez ...	30.60	49	S	1	f	30.58	+.03	50	49	+5	SSW	2	f	2	55	45		*	0.04
	Brest	30.52	49	SE	3	m	30.54	+.05	50	48	-1	SE	3	m	5	51	48	*	*	—
	Lorient	30.51	50	SE	3	0	30.59	+.08	46	45	-4	SE	3	m	4	59	45	*	*	—
	Rochefort	30.53	55	SE	2	b	30.56	+.04	42	41	-5	ESE	2	b	*	61	39	b	*	—
	Biarritz	30.48	62	Z	0	c	30.53	+.05	55	49	-2	Z	0	b	1	70	52	*	*	—
	Paris	30.62	49	SSE	1	0	30.60	-.02	45	45	-6	SSW	1	0	*	53	45	*	*	—
	Belfort...	30.62	44	E	6	f	30.62	-.01	39	39	-6	ENE	5	f	*	49	39	*	*	—
	Lyons	30.67	45	N	1	0	30.63	-.01	41	41	-4	Z	0	0	*	49	40	*	*	0.04
	Nice	30.47	57	E	2	b	30.40	-.10	60	57	+10	Z	0	b	2	64	50	*	*	—
	Perpignan	30.52	50	Z	0	b	30.50	-.06	40	39	-3	SW	1	b	*	64	39	*	*	—
SPAN. PEN.	Corunna																	*	*	
	Lisbon	30.39	55	NNE	4	b	30.47	+.06	51	47	0	NNE	4	b	*	63	48	*	*	—
	Azores (P. Delgada)...	30.25	58	N	1	b	30.35	+.33	57	53	-1	N	3	b	3	64	58	*	*	—
	,, (Horta) ...	30.26	56	WSW	1	b	30.32	+.30	60	57	+5	SW	1	c	2	66	55	*	*	—

NOTES:—(a) *At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.*

(b) *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

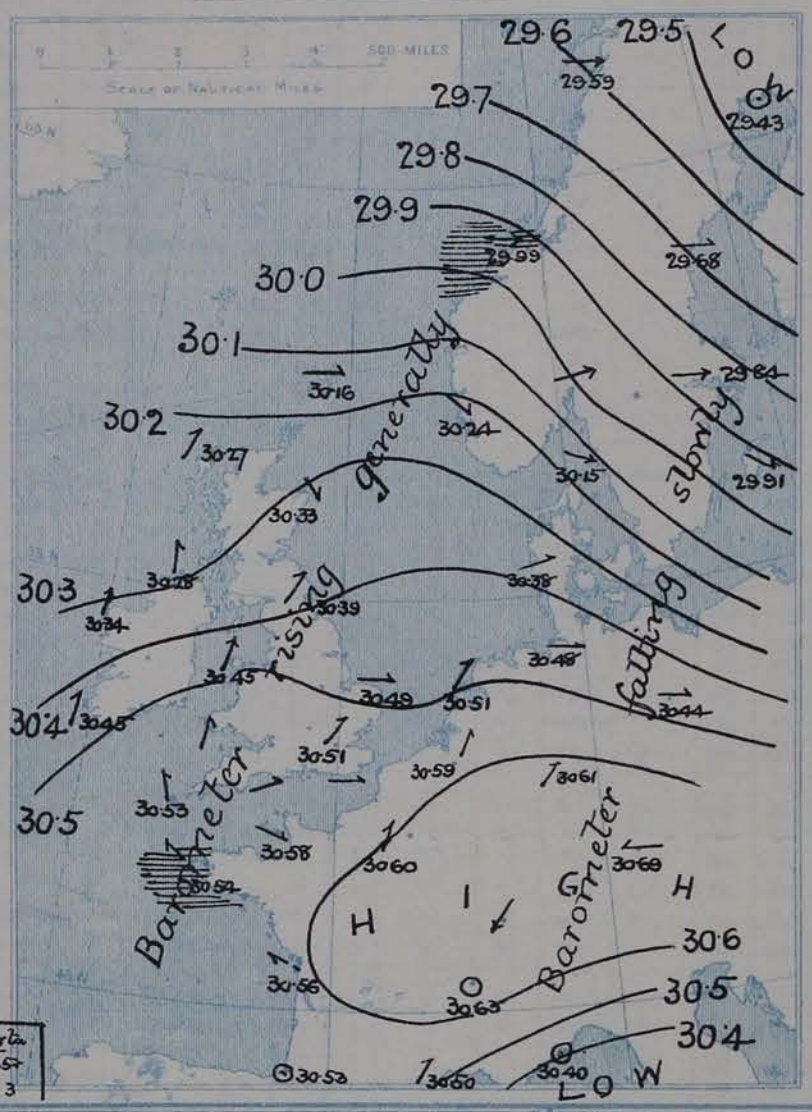
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR SUNDAY, 25TH NOVR. 1906.

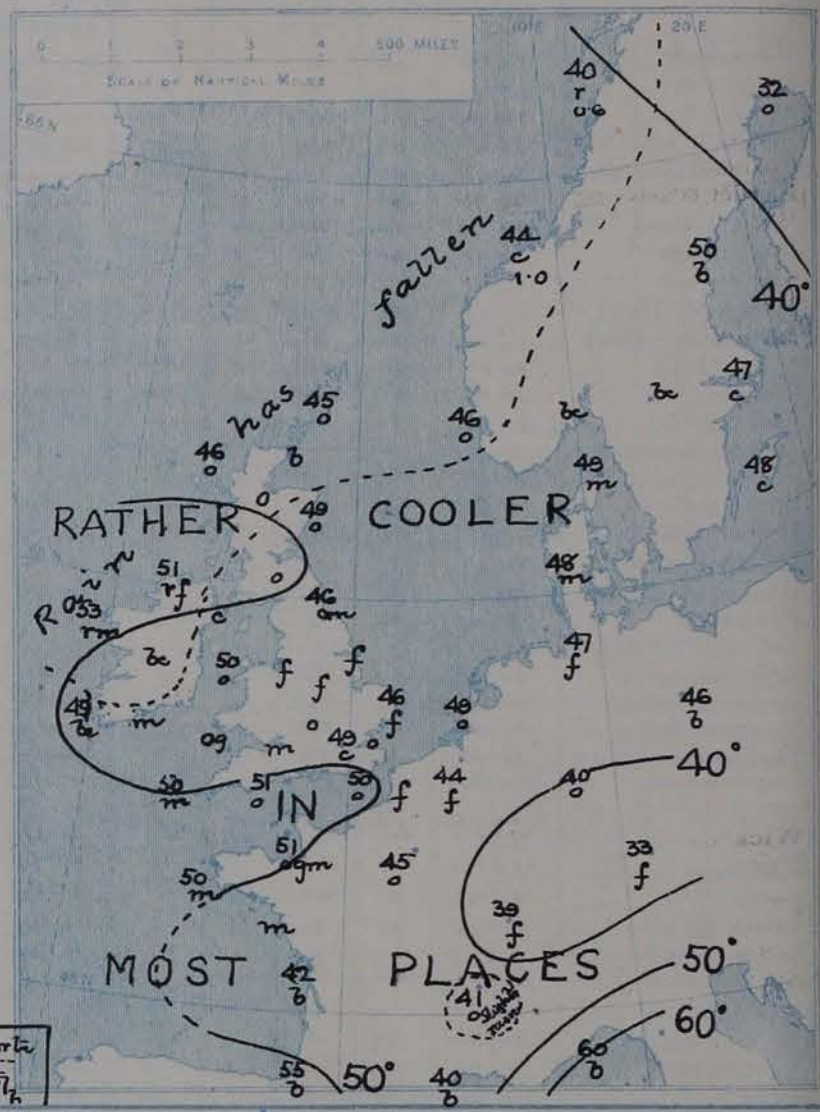
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 — *Force 5 to 7* — } Calm ⊙
Force 8 to 10 — *Force 1 to 4* —
SEA.—Rough *High*



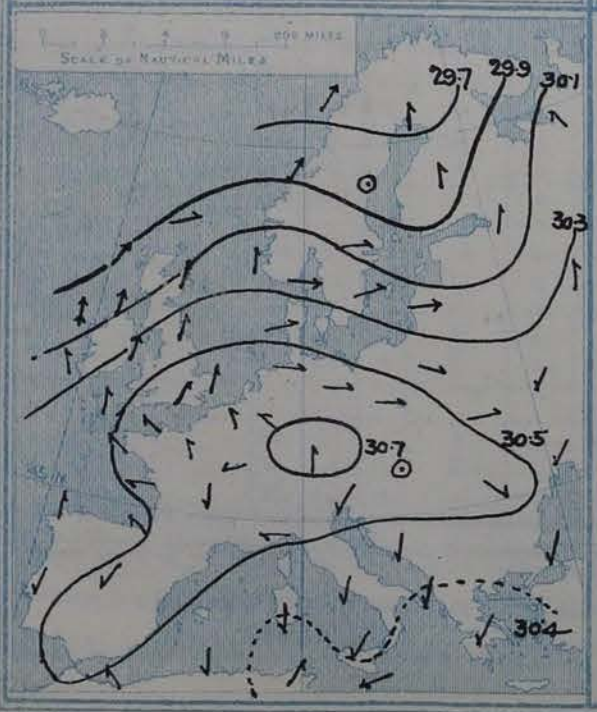
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus ·0·6



III. BAROMETER AND WIND

Yesterday morning.



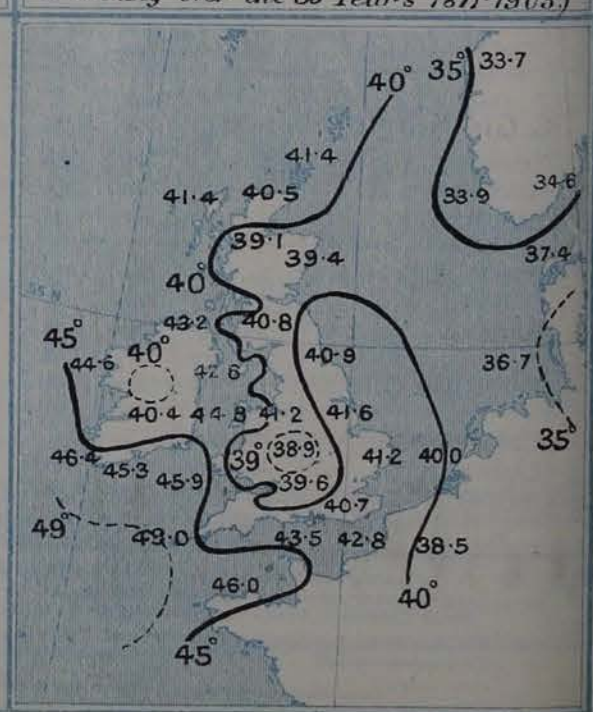
IV. ACCUMULATED TEMPERATURE ABOVE 42°.

Amount recorded in various districts of the United Kingdom during the 46 weeks ended 17TH NOVEMBER with the percentage of the average for the corresponding period.

Accumulated values are expressed in Day-Degrees—a "Day Degree" signifying 1° continued for 24 hours, or any other number of degrees for an inversely proportional number of hours.

V. *Averages of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* NOVEMBER – DECEMBER

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

In the course of the past day the barometer has fallen at a moderately brisk rate over Sweden, remained almost stationary over England and the western half of the Continent, and risen rather decidedly over Ireland and Scotland. It is still highest in an anticyclone over the inland part of the Continent, 30·69 ins at Munich, and lowest at the head of the Gulf of Bothnia, 29·43 ins. at Haparanda. The gradient is moderate over Scandinavia, slight elsewhere.

WIND

Calms and Easterly breezes prevail southward of the latitude of Paris, and Southerly to Westerly breezes over the rest of our area, blowing freshly at Blackrod Point, Holyhead and Belfort, strongly at several Scandinavian stations, but as a rule the force is light.

TEMPERATURE

Temperature remains well above the November average over these Islands generally, ranging from 40° at Liverpool and 44° at Nottingham and Spurn Head to between 50° and 53° at various stations in the south and west, and 56° at Leith. On the Continent the values range from 32° at Haparanda, 33° at Munich and 40° at Bodö. Frankfort and Perpignan to 50° at Aerösand and Brest, 51° at Lisbon and Oporto, 55° at Biarritz, and 60° at Nice.

WEATHER AND SEA

The weather is clear over Portugal and Southern France, and locally in Sweden and Germany, but in nearly all other regions it is very cloudy or overcast, with rain in the north of Ireland and of Norway and much mist or fog over Ireland and England and between Brittany and Denmark. The sea is rough off Christiansund and rather rough off Brest, moderate to very smooth elsewhere.

During yesterday temperature exceeded 55° at most of the western and northern stations, touching 60° at Leith and Llandudno, and 62° at Rhyl, but Clacton-on-Sea and Yarmouth only reached 49°, Birmingham 48°, and Skegness 47°. At the majority of stations no bright sunshine was registered; but in Wales and in the north of England the records were large, up to 7 hours at Rhyl and 7·1 hours at Llandudno.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS*

For the 24 hours ending at NOON on 26th November, 1906.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NONE ISSUED.	6 SCOTLAND WEST	NONE ISSUED.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

DAILY WEATHER REPORT. Sunday, 25 November, 1906

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F Max.	Temperature F Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Blackpool, to 9 p.m. ...	55	40	bm	4·2	–
Southport, to 9 p.m.... ...	56	44	b.c. of	5·6	–
Rhyl, to 6 p.m.	62	45	b.c.o	7·0	–
Llandudno, to 9 p.m. ...	60	48	bc	7·1	–
Bettws-y-Coed, to 6 p.m.	57	49	c. b	4·3	–
Towyn, to 6 p.m.	57	42	b	6·8	–
Aberystwyth, to 6 p.m. ...	58	50	c. bc, c	6·3	–
Plymouth, to 9 p.m. ...	52	50	f. o	0·0	0·02
Torquay, to 6 p.m.			*		
Bournemouth, to 6 p.m. ...	51	50	*	0·0	0·04
Bognor, to 6 p.m..	*	*	gm	0·0	*
Worthing	50	49	m.o c.o	0·0	–
Brighton			*		

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins
Eastbourne, to 9 p.m. ...	52	48	of, om. o	0·0	*
Bexhill-on-Sea, to 9 p.m.					
Hastings	*	*	*	0·0	*
Folkestone, to 6 p.m. ...	51	47	f, o	0·0	–
Broadstairs, ...	*	*	*		*
Margate, to 6 p.m. ...	51	47	m	0·0	–
Lowestoft, to 6 p.m. ...					
Skegness	47	45	f	0·0	0·01
Scarborough, to 6 p.m. ...			*		
Harrogate, to 6 p.m. ...	56	43	b	5·2	0·02
Darwen, to 9 p.m.	50	42	bc, m, f	0·0	0·01
Manchester, to 9 p.m. ...	57	42	bcm. bcf	4·5	–
Birmingham, to 9 p.m. ...	48	45	om	0·0	–

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS 24th Nov.r 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.
St. Petersburg	37	34	o, r	0·12
Utrecht...	52	41	b, f	–
Groningen	52	43	m, f	–
Vienna	52	48	o, o	–
Florence	52	48	b, b	–
Rome	62	42	b, b	–
Naples	57	50	b, b	–
Palermo	65	47	b, b	–
Brindisi	59	45	b, b	–
Malta	64	58	c	–

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins
Algiers ... 24th Nov.r 1906.	66	55	bc, c	0·16
Tunis	64	48	bc, o	–
Madeira (Funchal)	73	52	b, b	–
	1 p.m.		1 p.m.	Measured 7 a.m.
Geneva ... 23rd Nov.r 1906.	50	*	b	–
Berne	52	*	b	–
Coire	43	*	b	–
Castasegna...	45	*	b	–
Lugano	52	*	b	–
Davos...	36	*	b	–

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (,, ,,)	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

25th Nov.r, 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7·33	11·40	3·47
Greenwich	7·36	11·47	3·58
Wick	8·24	11·59	3·33
Valencia	8·19	12·28	4·37

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FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(Telegraphic Address: WEATHER, LONDON.)

W. N. SHAW, (*Director*).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Monday, **Meteorological Office, London.** 26th November, 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda	29·48	29	S	2	o	29·24	-·19	20	19	-12	N	2	f	*	34	?20	*	*	0·47
	Hernösand	29·74	39	W	4	b	29·56	-·12	39	34	-11	WNW	6	b	*	50	37	*	*	-
	Stockholm	29·90	41	W	2	c	29·82	-·02	38	35	-9	WNW	4	b	*	48	?38	*	*	-
	Wisby...	29·94	45	W	4	bc	29·88	-·03	44	41	-4	NW	6	b	*	48	43	*	*	-
	Karlstad	29·96	40	Z	0	b	29·97	+·02	38	35	-10	W	2	b	*	*	*	*	*	-
	Færder (X'iania Fjord)	30·04	45	WSW	4	b	30·02	+·03	43	41	-5	W	4	b	3	48	43	*	*	-
	Bodö	29·35	36	SW	5	†	29·38	-·21	39	?36	-1	WNW	4	c	3	41	32	*	*	0·24
	Christiansund ...	29·86	43	WSW	9	c	30·01	+·02	40	37	-4	WSW	8	o	6	44	39	*	*	0·59
	Skudesnaes ...	30·25	46	NW	6	c	30·20	-·04	43	41	-3	NW	4	c	2	48	43	o, c	*	-
BRITISH ISLANDS.	Sumburgh Head	30·17	45	W	4	o	30·05	-·11	45	42	0	S	3	o	4	47	40	c, o	*	0·04
	Stornoway	30·35	43	W	1	c	30·02	-·25	50	50	+4	W	2	†	2	50	38	bc, c	1·0	0·04
	Malin Head ...	30·38	50	W	1	cf	30·19	-·09	52	52	+1	S	5	cg	3	52	49	f, cf	*	0·02
	Blacksod Pt. ...	30·40	53	SSW	3	oafm	30·34	00	51	51	-2	SW	4	om	3	54	50	o, oafm	*	0·06
	Valencia	30·50	51	SSE	2	o	30·49	+·04	50	50	+1	SW	1	om	3	53	49	o	0·7	0·05
	Roche's Point ...	30·53	49	SW	3	om	30·50	-·02	52	52	+3	W	2	cg	2	52	49	f, om	*	0·01
	Birr Castle ...	30·48	50	S	2	o	30·42	00	52	51	+4	SW	3	o	*	54	46	o, p	0·0	0·01
	Donaghadee ...	30·45	53	SW	2	bc	30·38	+·02	51	51	+2	WSW	3	o	2	54	48	o, bc, cm	*	0·01
	Liverpool Obsy...	30·51	46	NE	1	f	30·45	-·05	43	42	+3	SE	2	f	?	50	40	f	*	—
	Holyhead	30·48	50	SW	4	om	30·45	00	50	50	0	SW	4	o	3	51	49	o, om	*	—
	Pembroke (St. Ann's Hd.)	30·54	49	SW	2	o	30·50	-·02	50	49	+1	W	4	og	4	55	47	omg, f	0·0	0·02
	Scilly (St. Mary's) ...	30·56	53	WSW	1	om	30·57	+·04	51	50	+1	W	2	om	2	55	50	o, om	0·2	-
	Jersey (St. Aubins) ...	30·60	50	Z	0	ogm	30·57	-·01	50	49	+1	W	1	omg	1	53	48	ogm, [illegible]	0·0	-
	Portland Bill ...	30·56	47	WNW	3	o	30·52	-·02	47	46	-4	NNW	2	o	3	52	45	f, o	*	-
	Dungeness	30·52	50	NW	1	og	30·51	-·01	46	45	-4	SW	1	f	1	53	43	og, f	0·0	-
	Wick	30·29	45	SW	1	bc	30·04	-·21	47	45	+1	SW	2	c	1	48	38	-	*	-
	Nairn	30·35	45	W	1	c	30·11	-·17	51	50	+5	W	2	o	2	52	37	-	0·7	-
	Aberdeen	30·37	45	WNW	1	c	30·15	-·18	48	48	-1	S	3	c	2	50	40	o†, c, bcm	0·0	0·02
	Leith	30·35	57	W	2	c	30·24	-·08	54	52	-2	WSW	3	o	*	58	52	c, p	*	0·04
	North Shields ...	30·37	52	SW	4	c	30·33	-·06	50	49	+4	SW	2	c	2	55	45	f, c	*	-
	Spurn Head ..	30·42	47	W	4	cm	30·40	-·04	44	44	0	WSW	2	f	1	49	44	f	*	-
	Yarmouth	30·46	46	WNW	3	f	30·44	-·05	43	43	-3	W	3	bcf	3	47	43	f	*	0·01
	Clacton-on-Sea ...	30·52	47	WNW	2	o	30·49	-·04	42	42	-5	W	2	c	1	49	41	om, f, c	0·0	-
	Nottingham ...	30·50	44	WSW	1	f	30·46	-·03	41	41	-8	WSW	1	f	*	47	41	f	0·0	-
	Bath	30·56	48	W	1	m	30·51	-·05	48	47	0	SW	2	m	*	49	46	-	0·0	-
	Oxford	30·57	45	W	1	f	30·50	-·04	45	44	-3	SW	1	f	*	48	43	o, df	*	0·01
	London (St. James' Park)	30·53	47	SW	1	o	30·48	-·03	41	41	-8	WSW	1	f	*	50	41	o, f	0·0	-
GERMANY, &c.	The Scaw (Skagen)	30·11	47	NW	6	b	30·06	-·09	47	43	-2	NW	7	c	2	49	46	*	*	-
	Fanö	30·31	48	WSW	2	†	30·31	-·07	47	44	-1	WNW	4	c	*	50	43	*	*	-
	Cuxhaven	30·42	48	W	3	o	30·36	-·12	48	47	+1	NW	2	o	*	48	46	*	*	-
	The Helder ...	30·47	49	WSW	3	o	30·45	-·06	51	50	+2	NW	1	o	1	51	48	*	*	-
	Brussels	*	*	*	*	*	30·52	-·07	44	44	0	WSW	1	f	*	46	43	*	*	-
	Berlin	30·40	42	WNW	2	o	30·29	-·15	39	39	-7	W	3	†	*	46	39	*	*	-
	Frankfurt	30·52	41	SW	1	o	30·49	-·12	42	41	+2	SW	2	o	*	46	39	*	*	0·04
	Munich	30·58	35	Z	0	f	30·56	-·13	31	31	-2	W	4	f	*	39	27	*	*	-
FRANCE.	C. Gris Nez ...	30·55	50	WSW	3	m	30·52	-·06	47	46	-3	SSW	3	m	3	54	46	*	*	-
	Brest	30·59	50	NW	2	o	30·57	+·03	50	49	0	NE	2	o	5	50	46	*	*	-
	Lorient	30·56	48	SE	3	m	30·60	+·01	46	45	0	N	2	o	5	55	43	*	*	-
	Rochefort	30·57	47	E	1	m	30·58	+·02	41	41	-1	E	1	m	*	57	40	b, m	*	-
	Biarritz	30·57	54	W	3	o	30·58	+·05	53	51	-2	W	2	o	1	63	50	*	*	-
	Paris	30·60	45	N	1	o	30·57	-·03	46	46	+1	SSW	1	o	*	46	45	*	*	-
	Belfort...	30·55	39	W	2	f	30·53	-·09	34	34	-5	W	6	f	*	44	34	*	*	-
	Lyons	30·61	40	NW	1	f	30·58	-·05	37	36	-4	N	1	o	*	42	37	*	*	-
	Nice	30·32	64	E	1	b	30·26	-·14	56	46	-4	Z	0	b	0	77	55	*	*	-
	Perpignan	30·41	65	NW	3	b	30·35	-·15	63	48	+23	NW	3	b	*	69	?40	*	*	-
SPAN. PEN.	Corunna																	*	*	
	Lisbon	30·44	57	NNE	4	b	30·40	-·07	53	48	+2	NE	4	b	*	63	50	*	*	-
	Azores (P. Delgada)...																	*	*	
	,, (Horta) ...	30·47	57	Z	0	b	30·48	+·16	57	53	-3	NW	2	b	2	66	52	*	*	-

NOTES:—(a) *At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + ·03 in., but for Sumburgh Head + ·04 in.; for stations South of Malin Head and North Shields + ·02 in., but for Scilly and Jersey + ·01 in.*

(b) *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

12-0

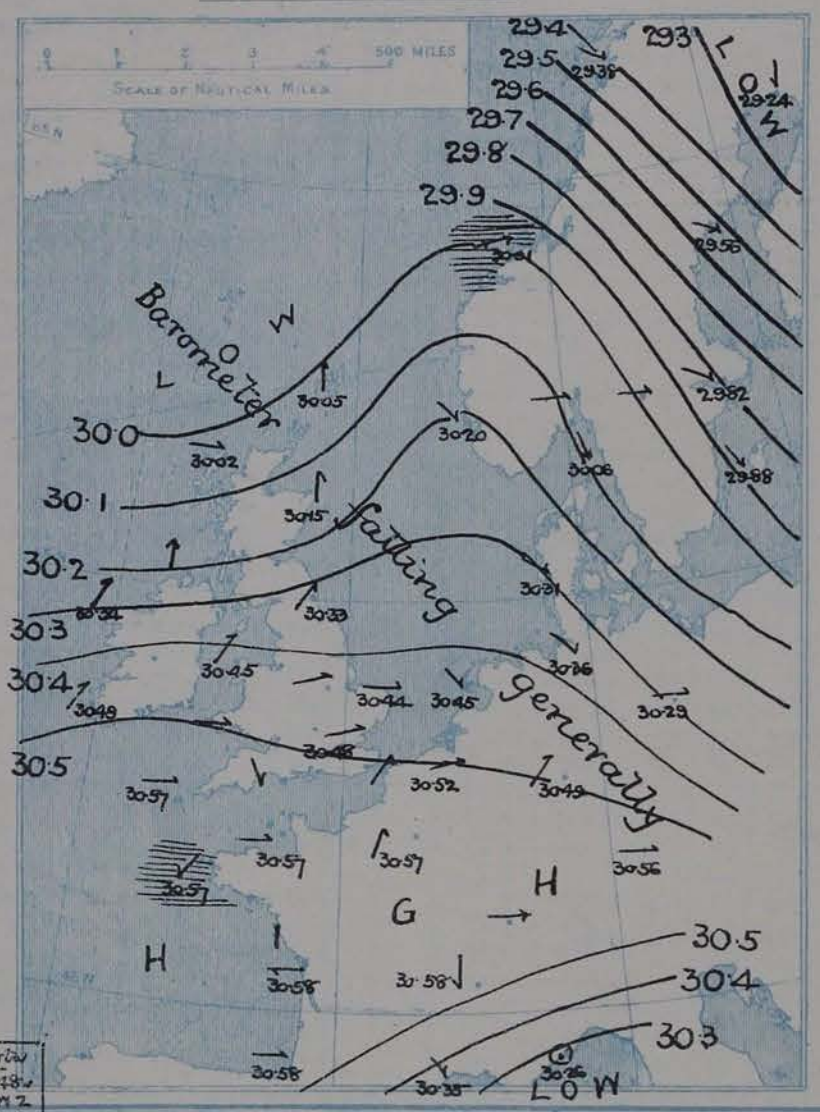
* *Observations for this column not generally received.* † *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR MONDAY, 26TH NOVR 1906.

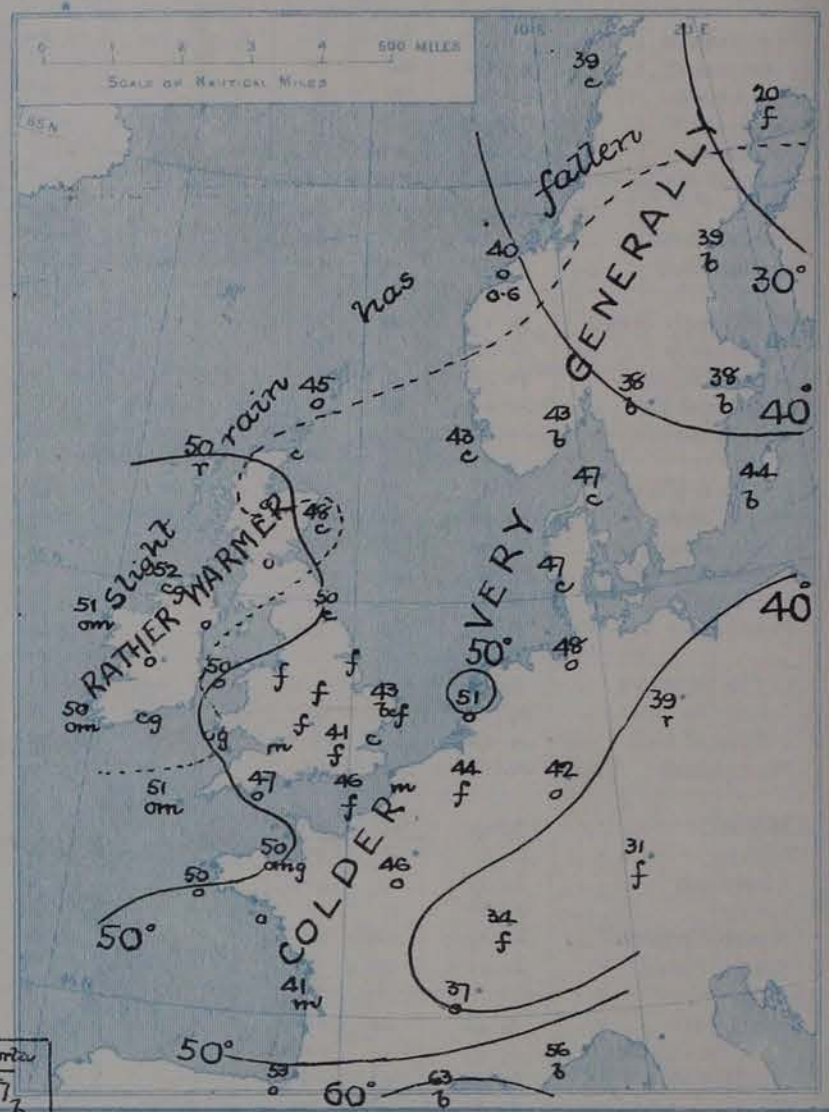
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 ⟶ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ⟶ ; *Force 1 to 4* ⟶ ; } Calm ⊙
SEA.—Rough *High*



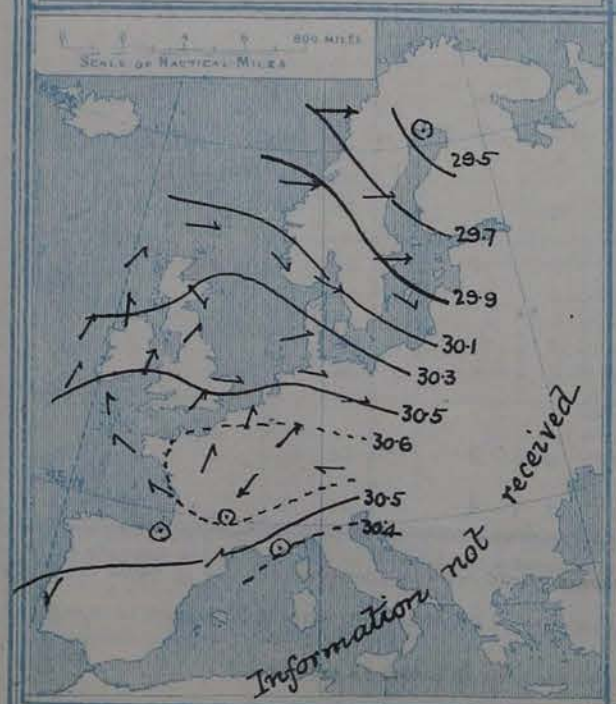
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0·6



III. BAROMETER AND WIND

Yesterday morning.



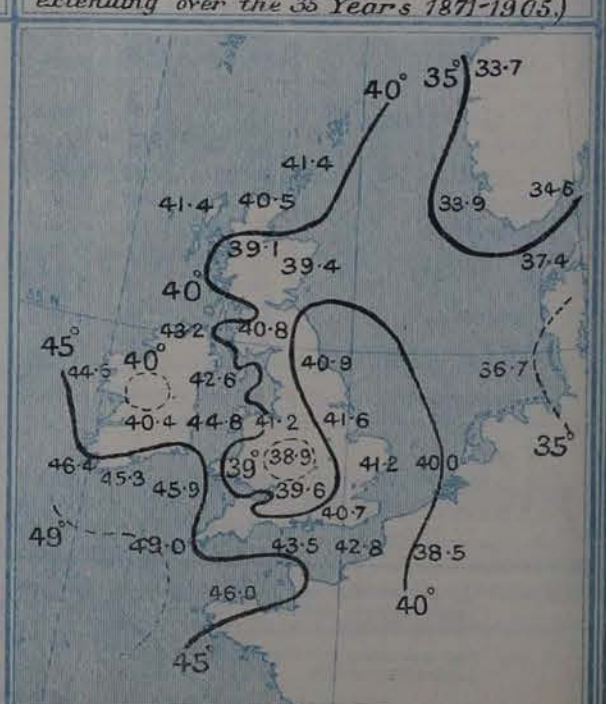
IV. ACCUMULATED TEMPERATURE ABOVE 42°.

Amount recorded in various districts of the United Kingdom during the week ended Saturday, Nov. 17th, with the percentage of the average for the corresponding week.

Accumulated values are expressed in Day-Degrees—a "Day Degree" signifying 1° continued for 24 hours, or any other number of degrees for an inversely proportional number of hours.

V. *Averages of* DAILY TEMPEPATURE *at 8 A.M. for the monthly period* NOVEMBER – DECEMBER

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer continues high, 30·5 ins. and upwards, in the central space of a large anticyclone covering France and extending westwards over the Bay of Biscay and eastwards to South Germany. The lowest readings and the steepest gradients are shown over Scandinavia, the mercury at Haparanda standing at 29·24 ins., or nearly an inch lower than on the south-west coast of Norway. Owing to a brisk decrease of pressure which set in suddenly during the night the readings are now relatively low over our northern and north-western districts.

WIND

Within, and in the immediate neighbourhood of, the high pressure area the wind is light and variable, but over Ireland and Scotland it shows a tendency to increase gradually in force from the South-Westward. In the rear of a large disturbance apparently existing over Finland and Northern Russia the wind blows strongly from the North-Westward over Sweden and the Skager Rack, while at Christiansund a gale from West-South-West is reported.

TEMPERATURE

Temperature has fallen over North-Western and Western Europe as a whole, but risen a little at some Irish and Scotch stations and many degrees at Perpignan. Over these Islands the readings range from 54° at Leith and about 50° in most other places to 41° at Nottingham and in London. The Continental values vary greatly; at Perpignan the thermometer marks 63°, at Belfort 34° and at Munich 31°, while further north, in Denmark, the figure is 47°. The lowest recorded is 20° at Haparanda.

WEATHER AND SEA

The weather is fine and bright in Sweden and the south of France and also at Lisbon; elsewhere, however, the sky is very cloudy or overcast, and much fog and mist prevail over England and the nearer parts of the Continent, as well as at Munich and Belfort. At Stornoway and also at Berlin rain is falling. The sea is rough at Christiansund and rather rough at Brest, moderate to smooth elsewhere.

During yesterday the thermometer rose to above 50° at most of our stations and to 57° or 58° in some localities in the north and north-west. Slight rain has fallen in Ireland and in some places in the west and north of Great Britain, while much heavier falls are reported from Haparanda and the north-west of Norway. Scarcely any sunshine was recorded yesterday except in the north of England and in North Wales.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The brisk decrease of pressure which is in progress in the north and north-west will probably continue for a time and extend further over our Islands. Some increase in the force of the South-Westerly and Westerly winds is, therefore, expected in Ireland and Scotland during to-day, and a more decided movement of air from the Westward over our southern districts by to-morrow.

FORECASTS*

For the 24 hours ending at NOON on 27th November, 1906.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	S.W^ly and W^ly winds, increasing in force; overcast generally, with some rain in places; mild.
2 ENGLAND N.E. 3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	Very light to moderate winds, mainly from the Westward; misty or foggy in most localities to-day, improving somewhat by to-morrow; little change of temperature
6 SCOTLAND WEST	Same as Nos. 0 and 1.
7 ENGLAND N.W.	S.W^ly and W^ly breezes, freshening; cloudy or overcast, some mist or rain in places.
8 ENGLAND S.W	Same as Nos. 2 to 5.
9 IRELAND NORTH 10 IRELAND SOUTH	Same as Nos. 0 and 1.
WARNINGS	None Issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

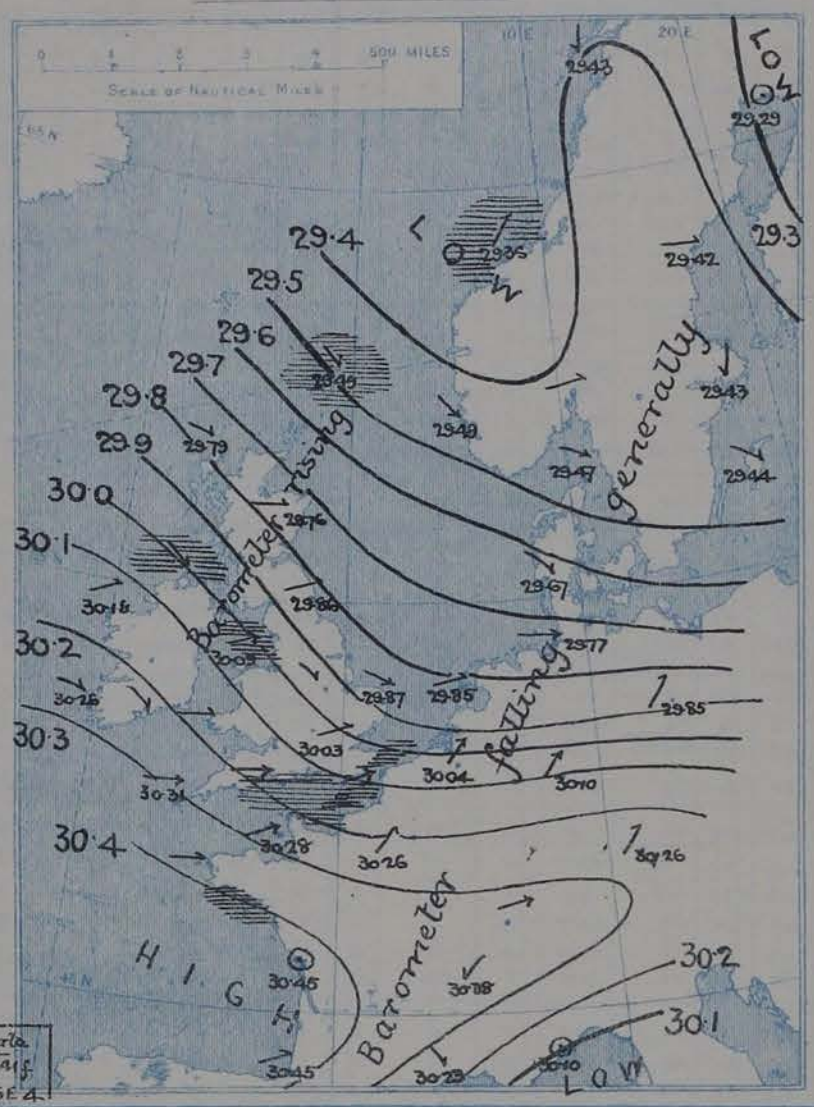
* *For terms for transmission of Forecasts by Telegraph, see next page.*

WEATHER CHARTS

FOR TUESDAY, 27TH NOVEMBER, 1906.

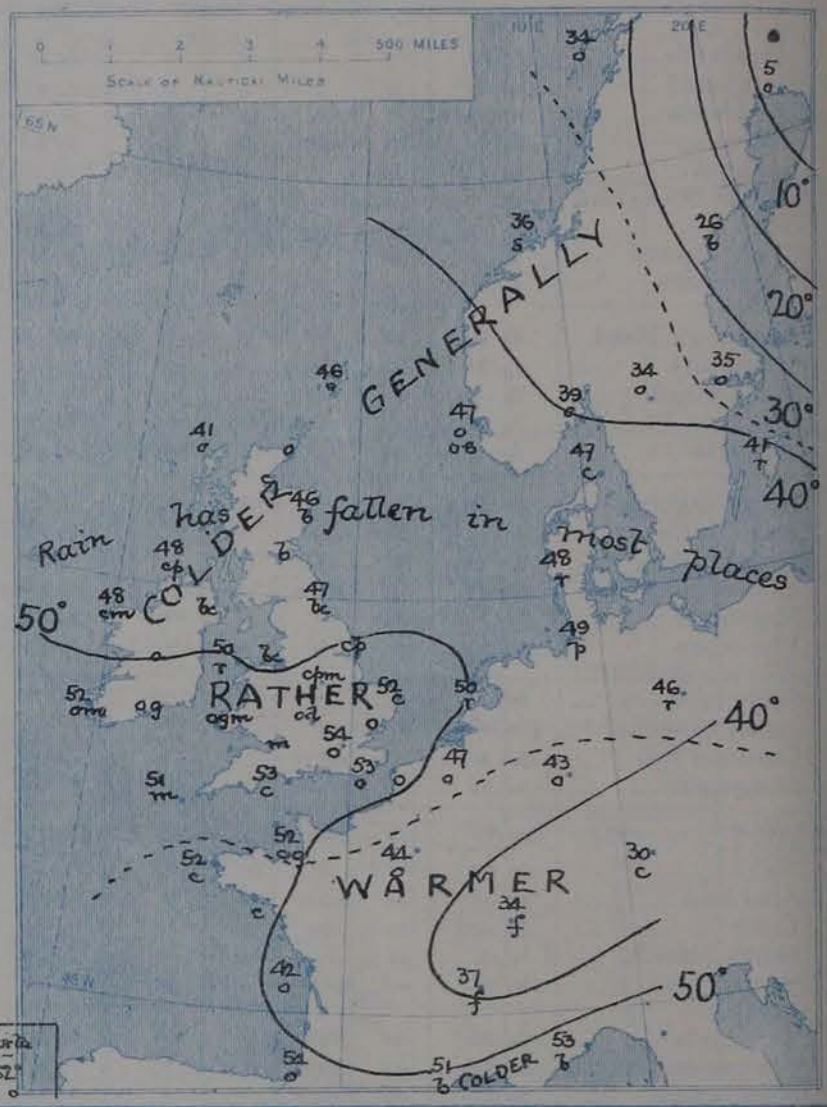
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 — *Force 8 to 10* — *Force 5 to 7* — *Force 1 to 4* — Calm ⊗
SEA.—Rough — *High*



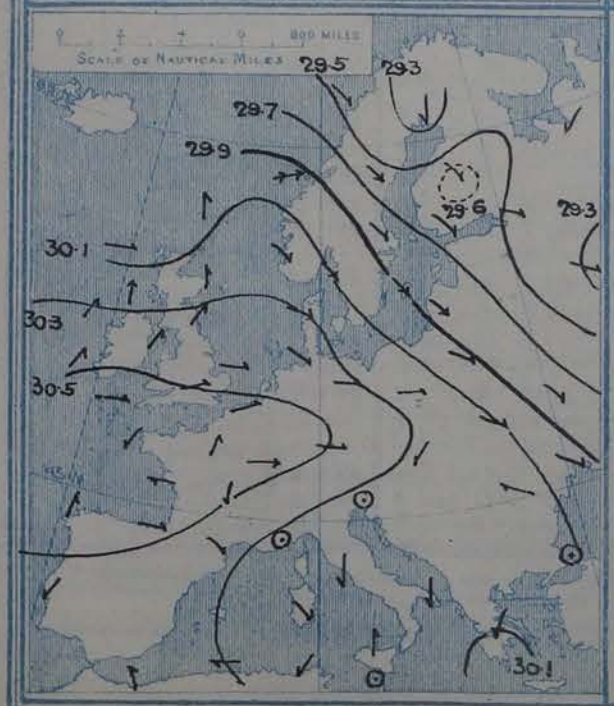
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6



III. BAROMETER AND WIND

Yesterday morning.

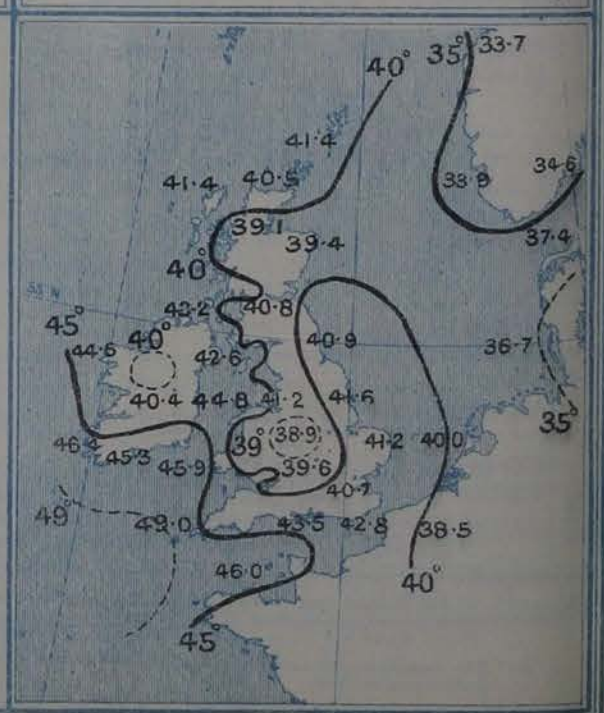


IV. EXTREMES OF TEMPERATURE

recorded in various districts of the United Kingdom during the week ended Saturday, 24th Nov.

V. *Averages of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* NOVEMBER – DECEMBER

(Derived chiefly from Observations extending over the 35 Years 1871-1905)



GENERAL SITUATION AT 8 A.M.

PRESSURE

A very brisk fall of the barometer has occurred since yesterday morning over the greater part of Scandinavia, Denmark, Germany, the Netherlands, and nearly the whole of the United Kingdom and France, with the result that pressure is now highest, 30·4 ins. and above, over the Bay of Biscay and the adjacent portion of the Spanish Peninsula, and low both off the north-west of Norway and over the north of Sweden. The lowest readings reported are 29·36 ins. at Christiansund and 29·29 ins. at Haparanda.

WIND

With this change in the pressure distribution the general current of the wind over our Islands and their neighbourhood has become North-Westerly to Westerly, and as the gradient has grown steeper its force is fresh or strong in most exposed places. Over Germany the direction of the wind is mainly South-Westerly.

TEMPERATURE

Temperature has risen in most parts of England and France, as well as at some German stations; in nearly all other regions it has fallen. It is now above 50° at most English stations, and above 45° in all parts of the United Kingdom except the north of Scotland. On the Continent the readings range from 54° at Biarritz to 30° at Munich, and from 49° at Cuxhaven to 5° at Haparanda.

WEATHER AND SEA

The weather is fine and bright at Lisbon, in the extreme south of France, and in a few scattered localities elsewhere; as a whole it is cloudy or overcast and unsettled, with showers in various parts of these Islands, steady rain or showers in Denmark, Holland, North Germany, and in Gothland, and with snow at Christiansund. The sea is rather rough in some parts of the English Channel, as well as at Lorient, Liverpool, Malin Head, and in the neighbourhood of the Shetlands; elsewhere it is moderate to smooth.

During yesterday the thermometer rose to above 55° at some of our northern stations and at Jersey, while in the extreme south of France the maximum temperatures were above 70°. Rain, generally slight, has fallen in most parts of the United Kingdom and in several other parts of North-western Europe – at Stuedemaes the measurement is 0·55 in. As a whole the day was dull and misty, but Birmingham and Margate recorded more than 3 hours bright sunshine and Skegness 4·5 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The rise of the barometer which has commenced over Scotland in the rear of the low pressure system over the Scandinavian region, will probably extend to the whole of the United Kingdom during to-day. Moderate to fresh winds from between West and North-West are to be expected during the ensuing 24 hours, with rather unsettled but mostly fair weather, and a fall of temperature.

FORECASTS*

For the 24 hours ending at NOON on 28th November, 1906.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST 2 ENGLAND N.E	Moderate or fresh N.W.ly to W.ly breezes; some showers, but mostly fair; temperature about normal.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	N.W.ly and W.ly winds, fresh in places; some slight showers, otherwise fair; becoming cooler later.
6 SCOTLAND WEST	Same as Nos. 0 to 2.
7 ENGLAND N.W. 8 ENGLAND S.W	Same as Nos. 3 to 5.
9 IRELAND NORTH 10 IRELAND SOUTH	W.ly or N.W.ly to S.W.ly winds, varying in force; changeable, some showers; moderate temperature.
WARNINGS	None Issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

DAILY WEATHER REPORT.

27th November, 1906

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Blackpool, to 9 p.m. ...	51	45	o m, o, o r	0·0	0·01	Eastbourne, to 6 p.m. ...	50	45	*	0·0	–
Southport, to 9 p.m.... ...	51	43	o, f, c, o	0·2	–	Bexhill-on-Sea, to 9 p.m.	53	47	fg. m	0·0	0·01
Rhyl, to 6 p.m.	54	40	?	2·5	–	Hastings	*	*	*	·	*
Llandudno, to 9 p.m. ...	54	44	bc	2·5	–	Folkestone, to 6 p.m. ...	49	39	o	0·0	–
Bettws-y-Coed, to 6 p.m.	53	47	c, o	0·0	–	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m.	51	46	o, m	0·0	0·06	Margate, to 6 p.m. ...	51	39	d, b, o, m	3·6	–
Aberystwyth, to 6 p.m. ...	51	45	o, c, r	0·0	0·02	Lowestoft, to 6 p.m. ...					
Plymouth, to 9 p.m. ...	52	46	of, bc	0·0	–	Skegness	50	40	f, bc, c	4·5	–
Torquay, to 6 p.m.	52	43	*	0·8	–	Scarborough, to 6 p.m. ...	52	46	*	0·0	–
Bournemouth, to 6 p.m. ...	49	45	*	0·0	0·01	Harrogate, to 6 p.m. ...	50	47	o, d	0·5	0·02
Bognor, ...	*	*	o m	0·0	*	Darwen, to 9 p.m.	49	43	o, bm, od	0·5	–
Worthing	47	43	f, o, m	0·0	–	Manchester, to 9 p.m. ...	52	39	f. bc	0·0	0·01
Brighton	47	44	*	0·0	0·01	Birmingham, to 9 p.m. ...	50	39	c	3·2	–

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS 26th Nov., 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins
St. Petersburg	41	34	o, b	0·35	Algiers ... 26th Nov., 1906.	64	57	b, bc	–
Utrecht...	48	45	o, m	–	Tunis	61	45	bc, c	–
Groningen	50	46	o, o	–	Madeira (Funchal)	not	rec.d		
Vienna	61	46	b, b	–		1 p.m.		1 p.m.	Measured 7 a.m.
Florence	62	40	b, b	–	Geneva ... 25th Nov., 1906	Observations not received.			
Rome	68	49	b, b	–	Berne		*		
Naples	65	53	b, b	–	Coire		*		
Palermo	66	46	f, b	–	Castasegna...		*		
Brindisi	61	45	b, b	–	Lugano		*		
Malta	64	57	b	–	Davos...		*		

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (,, ,,)	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

27th Nov., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7·36	11·41	3·45
Greenwich	7·39	11·48	3·56
Wick	8·30	12·0	3·29
Valencia	8·22	12·29	4·35

TERMS OF SUBSCRIPTION for the Daily Weather Report forwarded by Book Post, £1 per annum *payable quarterly in advance.*

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (*Director*).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Wednesday, **Meteorological Office, London.** 28th November, 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sun. shine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	29·36	11	Z	0	0	29·55	+·26	16	16	+11	NNW	2	c	*	16	1	*	*	–
	Hernösand	29·54	28	NE	2	b	29·75	+·33	22	21	−4	Z	0	b	*	37	?22	*	*	–
	Stockholm	29·50	33	NW	4	0	29·78	+·35	29	28	−6	NW	4	b	*	36	?29	*	*	–
	Wisby...	29·41	37	W	2	0	29·73	+·29	37	34	−4	N	6	0	*	43	36	*	*	0·08
	Karlstad	29·59	31	N	2	b	29·90	+·46	28	26	−6	NW	2	b	*	*	*	*	*	–
	Færder (X'iania Fjord)	29·58	37	N	6	b	29·89	+·48	35	31	−4	Z	0	b	2	39	34	*	*	–
	Bodö	29·63	31	N	5	s	29·60	+·17	31	30	−3	Z	0	c	1	34	27	*	*	–
	Christiansund ...	29·70	38	NE	1	0	29·69	+·33	33	31	−3	SE	1	c	5	39	32	*	*	0·12
	Skudesnaes ...	29·67	47	NNW	2	0	29·84	+·35	45	44	−2	WSW	4	0	3	47	39	c, o	*	0·20
BRITISH ISLANDS.	Sumburgh Head	29·72	44	NW	4	0	29·51	+·02	47	47	+1	W	4	†	5	47	42	c, o	*	0·26
	Stornoway	29·94	46	NW	2	c	29·69	−·10	51	50	+10	NW	4	0	4	52	40	o, c	0·9	0·05
	Malin Head ...	30·07	48	WSW	5	cp	29·89	−·10	51	51	+3	WSW	5	†f	4	52	46	c, cp	*	0·01
	Blacksod Pt. ...	30·13	52	SSW	4	†m	30·04	−·14	52	52	+4	SSW	4	ogm	3	53	46	om	*	0·04
	Valencia	30·28	52	SW	2	om	30·21	−·05	53	51	+1	SSW	3	0	4	54	50	om	0·0	0·04
	Roche's Point ...	30·26	54	WSW	3	0	30·24	00	52	51	−1	SW	3	og	3	54	51	o	*	–
	Birr Castle ...	30·20	51	WSW	2	0	30·14	−·03	52	50	+2	WSW	3	0	*	53	49	c, o, †	3·1	0·02
	Donaghadee ...	30·13	46	W	1	b	30·02	00	50	49	+3	SSW	3	0	2	52	43	c, bc, om, c	*	–
	Liverpool Obsy...	30·15	47	W	4	bc	30·11	+·08	50	48	+2	WSW	4	0	3	51	46	bcm	*	–
	Holyhead	30·20	49	WNW	4	c	30·12	+·03	52	51	+2	WSW	3	0	2	52	47	c	*	0·06
	Pembroke (St. Ann's Hd.)	30·23	52	NW	3	c	30·21	+·07	51	50	−2	W	3	cg	3	54	50	og, c	3·1	–
	Scilly (St. Mary's) ...	30·30	50	WNW	5	m	30·32	+·01	50	50	−1	W	2	f	3	53	49	m	0·0	0·02
	Jersey (St. Aubins) ...	30·26	53	WNW	4	og	30·33	+·05	53	52	+1	W	2	odm	2	56	49	omt, og, d	0·0	0·02
	Portland Bill ...	30·21	52	WNW	4	b	30·25	+·12	53	52	0	WSW	4	c	3	55	49	c, b	*	–
	Dungeness	30·12	49	NNW	2	bc	30·25	+·25	43	42	−10	WNW	2	c	2	59	37	bc	2·1	–
	Wick	29·83	49	W	4	bc	29·63	−·01	52	50	+7	W	3	0	2	52	43	–	*	0·05
	Nairn	29·95	46	W	1	c	29·69	−·07	52	49	+7	SW	3	c	1	52	44	–	0·1	0·01
	Aberdeen	29·93	47	WNW	2	bc	29·77	+·01	48	46	+2	SSW	2	c	2	50	44	bq, bc, cm	5·2	–
	Leith	29·99	48	W	2	c	29·87	+·01	52	50	+5	SW	3	0	*	52	47	–	*	–
	North Shields ...	30·01	47	W	3	c	29·98	+·12	50	48	+3	SSW	2	0	2	51	42	bc, c	*	–
	Spurn Head ..	30·01	47	WNW	5	bc	30·06	+·21	45	44	−5	SW	3	c	3	50	43	bc	*	–
	Yarmouth	30·00	48	NW	5	bc	30·13	+·26	40	39	−12	W	4	bcm	3	53	39	bc	*	–
	Clacton-on-Sea ...	30·09	46	WNW	3	b	30·20	+·23	41	41	−10	WNW	2	c	2	55	39	o, bc, b, c	1·8	–
	Nottingham ...	30·11	49	WNW	2	c	30·12	+·16	48	47	−6	SW	1	om	*	55	42	cm	1·5	–
	Bath	30·22	48	SW	1	m	30·22	+·14	51	50	−3	SW	1	†	*	54	41	–	2·2	–
	Oxford	30·20	44	W	1	c	30·20	+·15	48	48	−5	SW	2	of	*	56	41	c	*	–
	London (St. James' Park)	30·14	49	NW	1	b	30·20	+·17	45	43	−9	W	1	om	*	57	39	odp, bc, b	1·3	–
GERMANY, &c.	The Scaw (Skagen)	29·56	40	NE	4	0	29·91	+·44	38	34	−9	NE	1	b	0	48	37	*	*	–
	Fanö	29·71	46	NW	6	c	29·99	+·32	41	39	−7	NNW	1	c	*	48	39	*	*	0·16
	Cuxhaven	29·69	48	NW	5	0	30·01	+·24	48	47	−1	NW	3	0	*	50	46	†q, 0	*	0·20
	The Helder ...	29·94	51	NW	5	c	30·14	+·29	50	43	0	NW	2	c	2	52	48	*	*	0·04
	Brussels	*	*	*	*	*	30·26	+·22	39	39	−8	SW	1	0	*	53	38	*	*	0·28
	Berlin	29·62	46	W	3	†	29·90	+·05	45	44	−1	W	3	0	*	46	45	*	*	0·47
	Frankfurt	29·95	49	SW	3	0	30·15	+·05	46	44	+3	W	3	b	*	50	41	*	*	0·16
	Munich	30·01	42	W	6	0	30·17	−·09	40	39	+10	W	6	0	*	48	30	*	*	0·28
FRANCE.	C. Gris Nez ...	30·16	50	NNW	5	b	30·24	+·20	47	45	−6	WSW	3	b	3	55	46			–
	Brest	? 30·31	52	NW	4	f	30·37	−·02	52	52	0	WNW	2	m	3	52	?	*	*	–
	Lorient	30·30	54	WSW	3	0	30·39	+·03	51	50	−1	NW	2	0	2	55	48	*	*	–
	Rochefort	30·36	52	SW	3	†	30·38	−·07	52	51	+10	N	2	c	*	54	?42	0, †	*	0·08
	Biarritz	30·42	51	NNE	1	0	30·39	−·06	53	53	−1	W	3	f	2	55	46	*	*	–
	Paris	30·18	52	WNW	2	b	30·32	+·06	39	39	−5	Z	0	b	*	53	39	*	*	–
	Belfort...	30·17	37	W	4	†	30·27	00	39	39	+5	W	3	f	*	39	?34	*	*	0·28
	Lyons	30·30	41	N	1	odm	30·28	−·10	42	42	+5	NW	2	0	*	43	37	odm	*	0·04
	Nice	29·96	51	Z	0	0	29·86	−·24	49	46	−4	Z	0	c	1	59	45	*	*	–
	Perpignan	30·17	54	W	5	b	30·17	−·06	55	49	+4	W	4	b	*	59	51	*	*	–
SPAN. PEN.	Corunna																	*	*	
	Lisbon	30·20	58	N	2	b	30·24	−·03	51	46	0	NE	3	b	*	64	50	*	*	–
	Azores (P. Delgada)...	30·40	61	E	4	c	30·40	−·03	60	55	+3	N	3	0	3	66	57	*	*	–
	,, (Horta) ...	30·39	62	SSE	4	c	30·38	−·03	62	57	0	SSW	3	0	2	66	61	*	*	–

NOTES:—(a) *At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + ·03 in., but for Sumburgh Head + ·04 in.; for stations South of Malin Head and North Shields + ·02 in., but for Scilly and Jersey + ·01 in.*

(b) *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

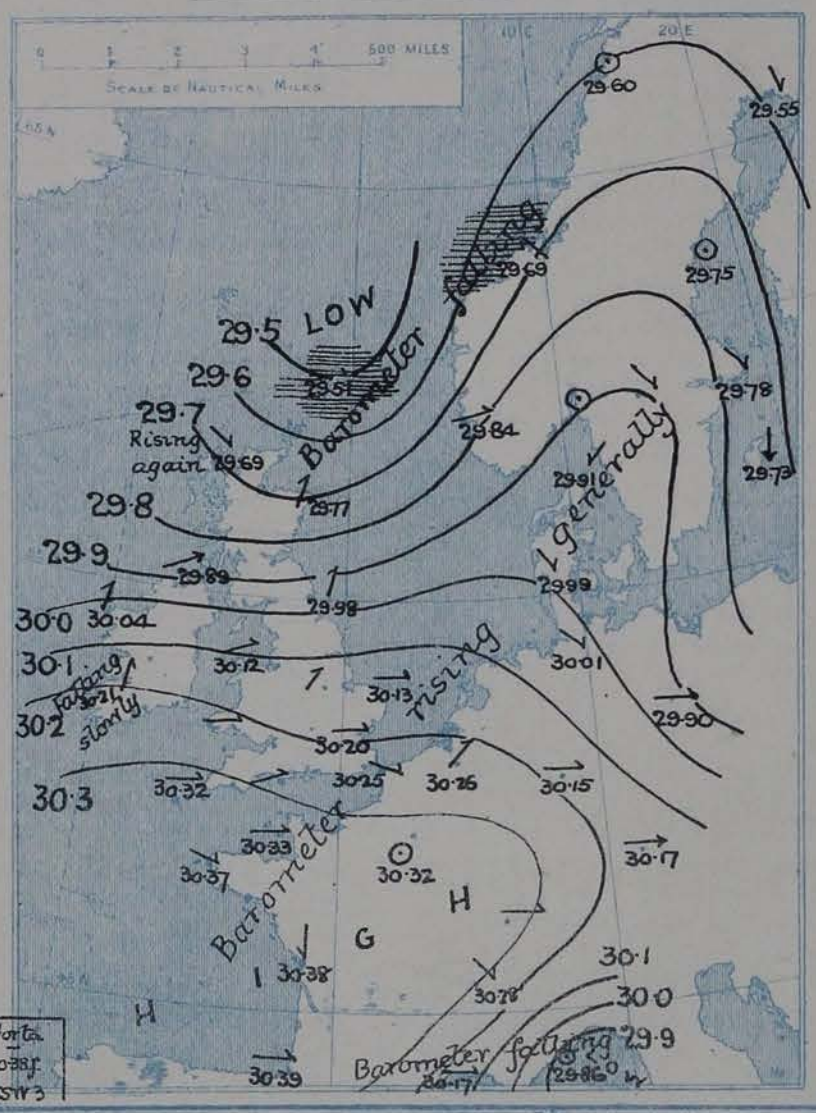
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR WEDNESDAY, 28TH NOVEMBER, 1906.

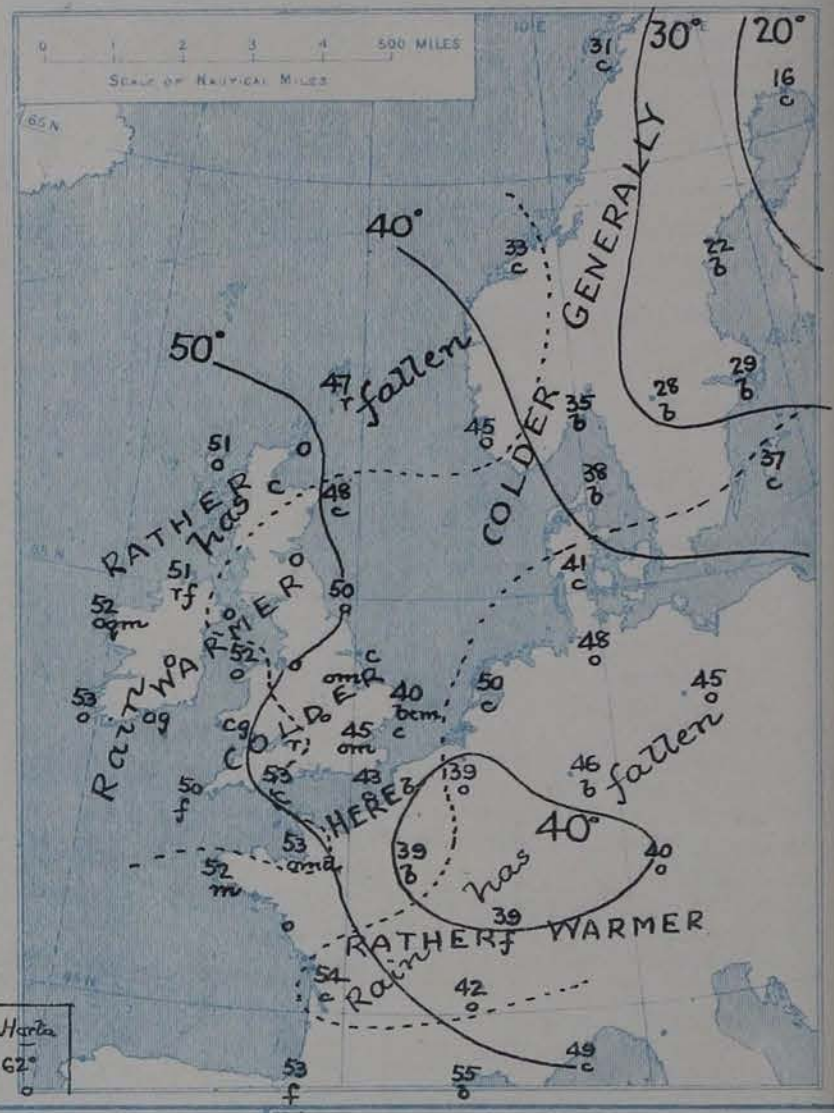
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 ; *Force 8 to 10* ; *Force 5 to 7* ; *Force 1 to 4* ; Calm
SEA.—Rough *High*



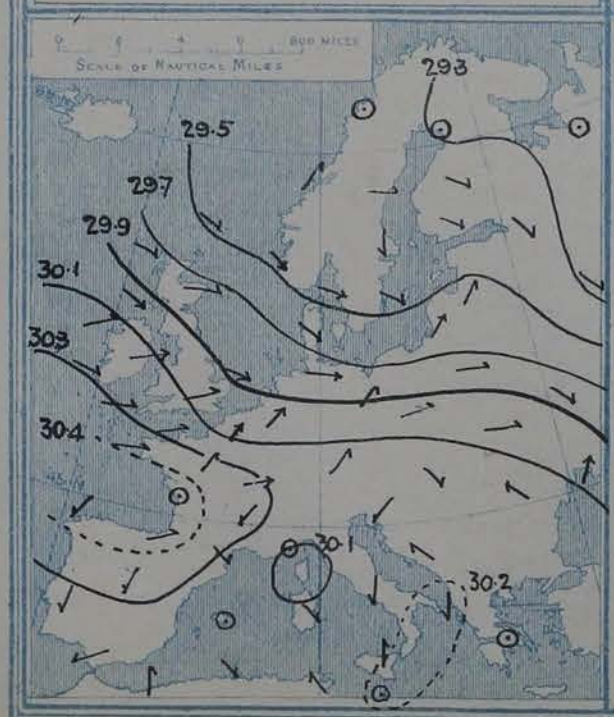
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°
WEATHER.—Shown by Letters of the Beaufort Scale *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6



III. BAROMETER AND WIND

Yesterday morning.



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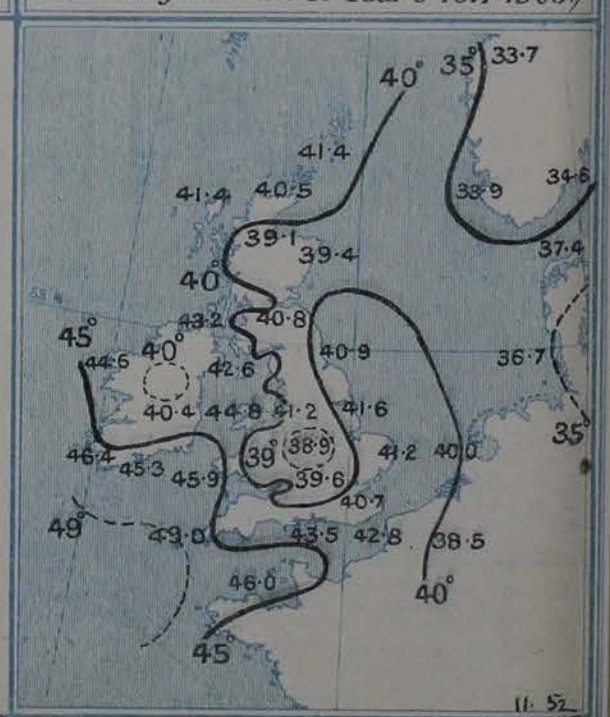
Amount recorded in various districts of the United Kingdom during the week ended Saturday, 27th Nov., with the percentage of the average amount for the corresponding week.

V. *Averages of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* NOVEMBER – DECEMBER

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)



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GENERAL SITUATION AT 8 A.M.

PRESSURE

Since yesterday morning the barometer has risen very briskly over Scandinavia and Denmark and steadily over the greater part of England and the Netherlands, while a brisk fall has occurred during the night in the extreme north of Scotland owing to the advance of a new disturbance towards that region, and a slight decrease of pressure is now in progress in Ireland. In the Hebrides a recovery of pressure has commenced. The readings are above 30·3 ins. over nearly the whole of France, whence they decrease to 29·51 ins. at Sumburgh Head.

WIND

The wind, which is light or moderate in force, has veered to the North-Westward at Stornoway, but over the United Kingdom generally it is South-Westerly or Westerly, and over France rather variable. In Sweden it draws into the Northward and blows strongly at Wisby.

TEMPERATURE

Temperature has changed rather irregularly; it is, however, still high for the time of year over North-Western Europe as a whole. Over these Islands it ranges from 50° or slightly above at nearly all the western and northern stations to 40° at Yarmouth, and on the Continent from 55° at Perpignan and 50° at The Helder, to 29° at Stockholm and to 16° at Haparanda.

WEATHER AND SEA

The sky is very cloudy or quite overcast over the United Kingdom and the North-Western countries of Europe as a whole, but clear in some parts of Scandinavia, Germany, and France. Rain is falling at Sumburgh Head, Malin Head, Bath and Jersey, and fog or mist prevails locally in some English and Irish districts. The sea is rather rough off the Shetlands and at Christiansund, moderate to smooth elsewhere.

During yesterday the thermometer rose to 58° or 59° on the south and south-east coasts of England and to 54° or 55° further north. Slight falls of rain are reported from Ireland and Scotland and also from a few English stations, and larger amounts from various parts of the Continent. A considerable duration of bright sunshine occurred yesterday at most stations in Great Britain, the highest figures reported being 5·2 hours at Aberdeen and 5·9 hours at Scarborough.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The fall of the barometer which has commenced in Ireland does not appear of sufficient importance to cause much modification in the general pressure distribution. Cloudy or overcast, but mostly fair, weather, is probable over the major portion of the country; some rain is to be expected in the west and north-west.

FORECASTS*

For the 24 hours ending at NOON on 29th November, 1906.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Moderate winds, mainly W.ly; changeable, some showers; mild.	6 SCOTLAND WEST	Same as No. 0.
1 SCOTLAND EAST	S.W.ly & W.ly winds, light or moderate; cloudy or overcast, some slight local showers; mild.	7 ENGLAND N.W.	Same as Nos. 1 and 2.
2 ENGLAND N.E		8 ENGLAND S.W	S.W.ly and W.ly winds, light or moderate; fair as a whole, but mist or fog locally; mild.
3 ENGLAND EAST	Light winds, chiefly W.ly; much cloud generally, with mist or fog in places; continuing mild for the time of year.	9 IRELAND NORTH	Moderate winds between S. and W.; changeable, some rain, fair at times; mild.
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

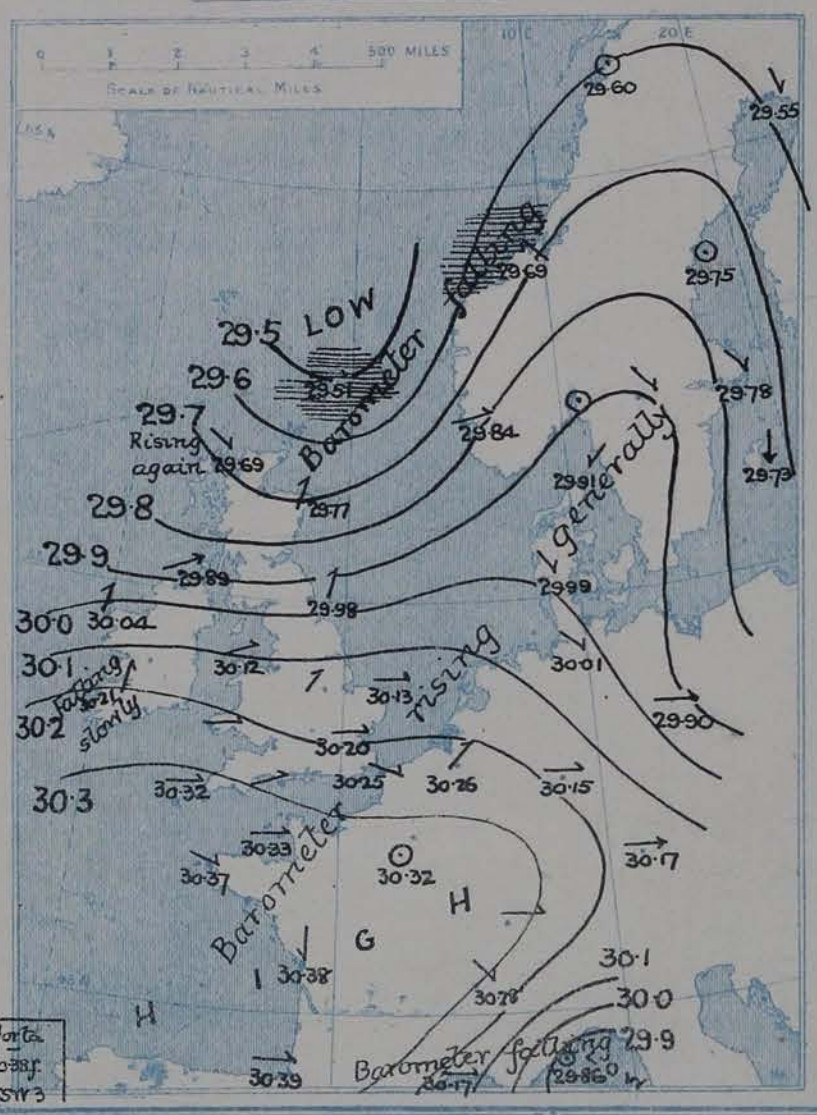
* *For terms for transmission of Forecasts by Telegraph, see next page.*

WEATHER CHARTS

FOR WEDNESDAY, 28TH NOVEMBER, 1906.

I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 — *Force 8 to 10* — *Force 5 to 7* — *Force 1 to 4* — Calm
SEA.—Rough — *High*



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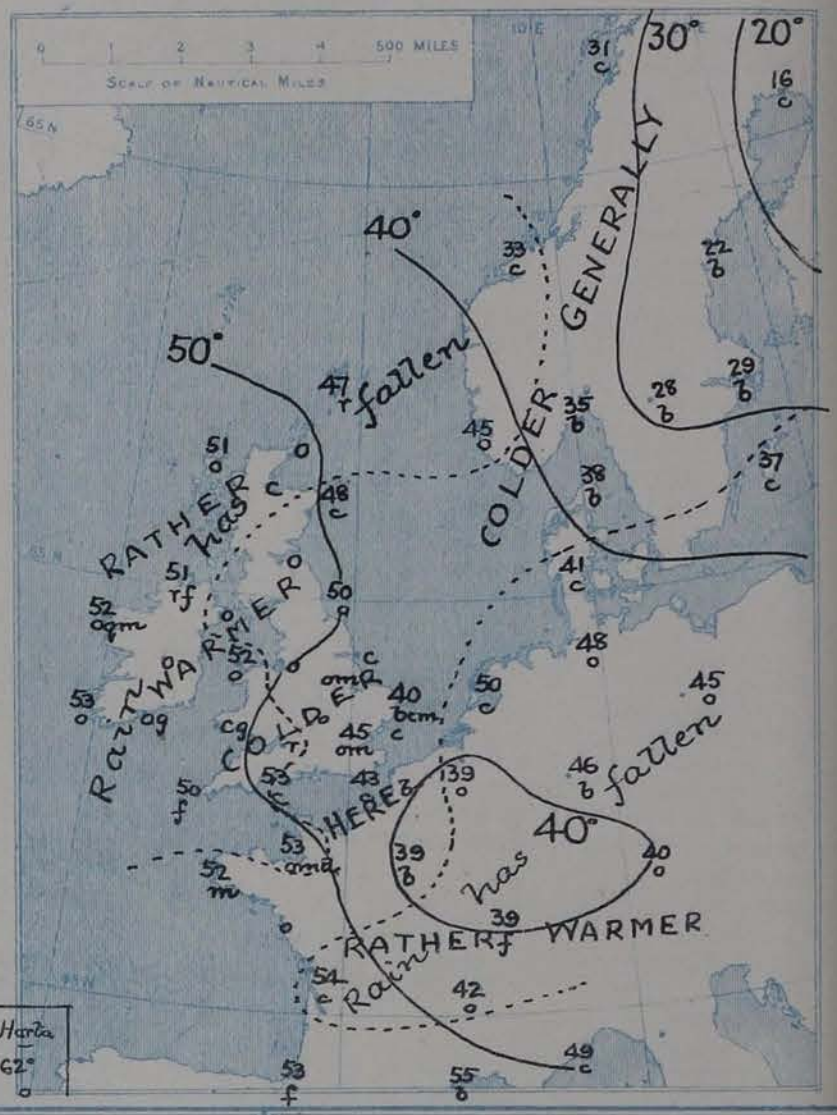

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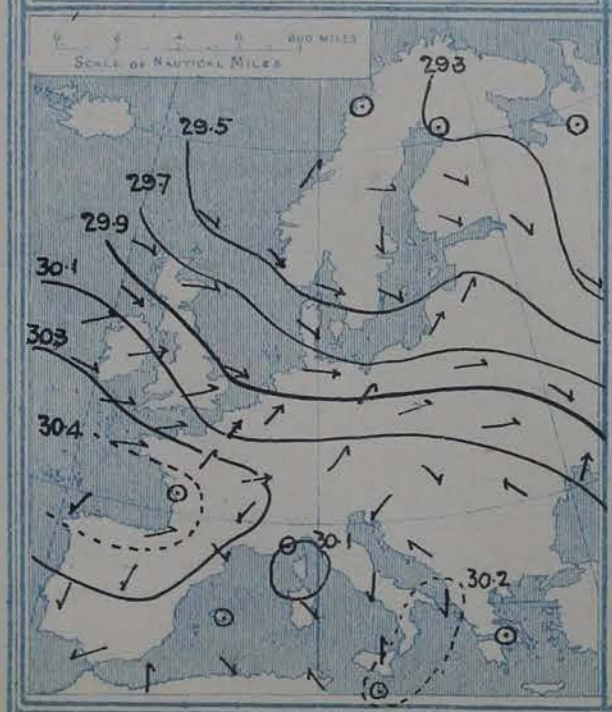

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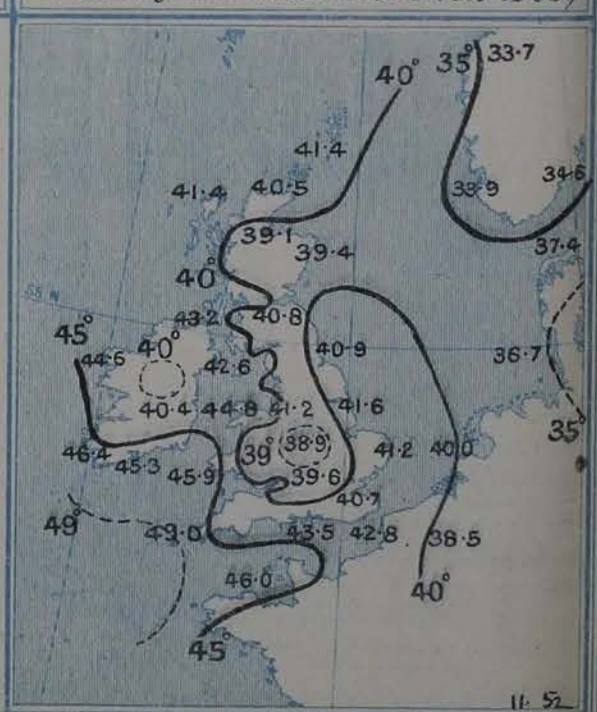

11. 52

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DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Moderate winds, mainly W.ly; changeable, some showers; mild.	6 SCOTLAND WEST	Same as No. 0.
1 SCOTLAND EAST	S.W.ly & W.ly winds, light or moderate; cloudy or overcast, some slight local showers; mild.	7 ENGLAND N.W.	Same as Nos. 1 and 2.
2 ENGLAND N.E		8 ENGLAND S.W	S.W.ly and W.ly winds, light or moderate; fair as a whole, but mist or fog locally; mild.
3 ENGLAND EAST	Light winds, chiefly W.ly; much cloud generally, with mist or fog in places; continuing mild for the time of year.	9 IRELAND NORTH	Moderate winds between S. and W.; changeable, some rain, fair at times; mild.
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

DAILY WEATHER REPORT. 28th NOVEMBER, 1906

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F Max.	Temperature F Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs	Rainfall. Ins.
Blackpool, to 9 p.m. ...	51	48	r, c, o	2·7	0·38	Eastbourne, to 6 p.m. ...	58	48	*	3·0	–
Southport, to 9 p.m.... ...	51	48	o, r, c	4·6	0·29	Bexhill-on-Sea, to 9 p.m.	58	49	c	2·7	–
Rhyl, to 6 p.m.	57	48	?	1·0	–	Hastings	*	*	*	3·5	*
Llandudno, to 9 p.m. ...	54	48	bcp	4·1	0·20	Folkestone, to 6 p.m. ...	56	43	o, bc, b	1·6	–
Bettws-y-Coed, to 6 p.m.	52	48	o, bc	3·5	0·40	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m.	52	45	c	3·7	0·11	Margate, to 6 p.m. ...	55	44	?	0·5	0·01
Aberystwyth, to 6 p.m. ...	52	47	o, c	5·0	–	Lowestoft, to 6 p.m. ...	54	44	or, c, b	3·0	0·18
Plymouth, to 9 p.m. ...	55	49	ov, d, bc	0·2	–	Skegness	53	46	r, bc	4·5	0·11
Torquay, to 6 p.m.	58	44	*	3·6	–	Scarborough, to 6 p.m. ...	52	47	*	5·9	0·14
Bournemouth, to 6 p.m. ...	49	46	*	3·3	–	Harrogate, to 6 p.m. ...	51	45	b, c	5·0	0·09
Bognor, ...	*	*	bc, b	3·3	*	Darwen, to 9 p.m.	51	45	omr, b, oq	1·5	0·83
Worthing	58	43	o, c	2·5	–	Manchester, to 9 p.m. ...	54	48	c, b, r, bc	1·3	0·36
Brighton	57	46	*	2·0	–	Birmingham, to 9 p.m. ...	54	44	c	0·2	0·04

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS 27th Nov., 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins
St. Petersburg	39	32	o, o	–	Algiers ... 27th Nov., 1906.	64	57	c, c	–
Utrecht...	50	46	o, r	0·20	Tunis	63	45	o, c	–
Groningen	52	48	o, r	0·24	Madeira (Funchal)	not	recd.		
Vienna	52	37	o, b	–		1 p.m.		1 p.m.	Measured 7 a.m.
Florence	62	39	b, b	–	Geneva ... 26th Nov., 1906 ...	36	*	f	–
Rome	66	44	b, b	–	Berne	34	*	f	–
Naples	71	51	b, b	–	Coire	34	*	o	–
Palermo	68	43	b, b	–	Castasegna...	61	*	b	–
Brindisi	59	45	b, b	–	Lugano	55	*	b	–
Malta	69	57	b	–	Davos...	45	*	b	–

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. („ „)	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

28th Nov., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7·38	11·41	3·44
Greenwich	7·41	11·48	3·55
Wick	8·33	12·0	3·27
Valencia	8·24	12·29	4·34

TERMS OF SUBSCRIPTION for the Daily Weather Report forwarded by Book Post, £1 per annum *payable quarterly in advance.*

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL, OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (*Director*).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Thursday, **Meteorological Office, London.** 29th November, 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	29·41	3	z	0	b	29·06	−·49	27	26	+11	NNW	2	0	*	?	3	*	*	–
	Hernösand	29·39	29	W	4	s	29·14	−·61	26	25	+4	z	0	0	*	30	21	*	*	–
	Stockholm	29·64	31	SSW	2	0	29·29	−·49	38	38	+9	W	2	0	*	?38	27	*	*	0·12
	Wisby...	29·77	37	NNW	4	0	29·36	−·37	44	42	+7	WNW	6	0	*	?44	32	*	*	0·24
	Karlstad	29·52	40	SW	6	0	29·34	−·56	42	39	+14	SW	2	0	*	*	*	*	*	0·04
	Færder (X'iania Fjord)	29·49	45	SW	6	0	29·35	−·54	45	42	+10	WSW	6	c	3	45	34	*	*	–
	Bodö	29·19	30	E	4	c	28·85	−·75	30	28	−1	E	5	s	2	31	27	*	*	–
	Christiansund ...	29·23	43	SW	4	r	29·07	−·62	41	39	+8	W	7	0	6	43	?	*	*	0·43
	Skudesnaes ...	29·65	48	WNW	4	c	29·45	−·39	46	44	+1	W	6	0	4	48	41	r, c	*	0·63
BRITISH ISLANDS.	Sumburgh Head	29·49	47	W	6	0	29·34	−·17	45	40	−2	W	6	c	6	50	42	0	*	0·09
	Stornoway	29·69	47	SW	3	0	29·65	−·04	45	44	−6	SW	3	0	3	51	45	bc, 0, r	2·3	0·38
	Malin Head ...	29·85	51	WNW	4	rf	29·87	−·02	50	48	−1	WSW	6	cg	5	52	48	rf	*	0·25
	Blacksod Pt. ...	29·94	53	SSW	6	rqm	29·99	−·05	52	52	0	SSW	4	om	3	55	49	rqm	*	0·25
	Valencia	30·16	54	SW	4	0rpm	30·16	−·05	54	53	+1	SW	2	odm	4	55	53	om, r, 0pm	0·0	0·05
	Roche's Point ...	30·19	53	WSW	4	og	30·18	−·06	54	53	+2	SW	2	odg	3	54	52	cg, og	*	–
	Birr Castle ...	30·08	53	W	3	r	30·09	−·05	51	50	−1	SW	3	ortu	*	55	49	c, r	0·6	0·03
	Donaghadee ...	29·95	54	WSW	2	0	30·01	−·01	50	48	0	WSW	2	c	2	55	49	omd, cm	*	0·01
	Liverpool Obsy...	30·06	52	WSW	4	0	30·02	−·09	53	51	+3	WSW	6	c	4	56	50	c, 0	*	–
	Holyhead	30·06	53	WSW	3	om	30·07	−·05	53	53	+1	WSW	3	r	2	54	51	0, om	*	0·02
	Pembroke (St. Ann's Hd.)	30·18	52	WSW	5	0	30·18	−·03	52	52	+1	SW	6	ogqm	5	54	50	c, ogm	1·2	–
	Scilly (St. Mary's) ...	30·31	50	WSW	3	c	30·33	+·01	50	48	0	SW	4	c	4	52	49	om, c	0·5	–
	Jersey (St. Aubins) ...	30·34	52	WNW	3	oqrpm	30·39	+·06	54	52	+1	WNW	3	bcm	3	55	49	omdp, cm	0·7	0·09
	Portland Bill ...	30·25	52	W	3	c	30·26	+·01	53	52	0	WSW	4	c	3	54	52	c	*	–
	Dungeness	30·19	50	W	2	bc	30·17	−·08	53	51	+10	WSW	5	c	4	54	42	c, bc	0·1	–
	Wick	29·60	50	W	3	0	29·53	−·10	44	43	−8	W	6	0	3	53	43	–	*	0·10
	Nairn	29·73	46	W	1	bc	29·65	−·04	47	43	−5	SW	3	0	2	54	42	–	2·0	0·03
	Aberdeen	29·77	45	W	1	b	29·68	−·09	48	43	0	WSW	3	c	2	53	43	c, b, c	0·0	–
	Leith	29·83	52	SW	2	r	29·80	−·07	50	46	−2	W	5	c	*	55	50	–	*	0·05
	North Shields ...	29·91	52	SSW	3	r	29·80	−·18	53	50	+3	W	6	bc	2	55	47	0, r	*	0·08
	Spurn Head ..	29·99	51	WSW	3	c	29·93	−·13	52	50	+7	WSW	4	c	2	53	45	0, cr	*	–
	Yarmouth	30·07	50	WSW	4	bc	30·02	−·11	51	50	+11	WSW	4	cm	3	51	39	c, bc	*	–
	Clacton-on-Sea ...	30·15	49	WSW	2	m	30·13	−·07	50	49	+9	WSW	2	0	2	50	41	0, bcm, 0	0·0	–
	Nottingham ...	30·08	50	W	2	b	30·02	−·10	54	53	+6	W	2	om	*	55	48	cm, b	0·2	–
	Bath	30·22	52	SW	3	b	30·21	−·01	54	52	+3	WSW	5	0	*	56	51	–	2·4	–
	Oxford	30·19	51	WSW	4	0	30·15	−·05	53	51	+5	WSW	5	oq	*	55	48	0, bc, 0	*	–
	London (St. James' Park)	30·18	52	WSW	1	0	30·14	−·06	54	51	+9	WSW	3	0	*	54	44	cdp, bc, 0	1·0	–
GERMANY, &c.	The Scaw (Skagen)	29·63	46	WSW	4	r	29·49	−·42	46	43	+8	WNW	5	0	1	46	36	*	*	0·04
	Fanö	29·82	49	WSW	4	0	29·69	−·30	48	47	+7	W	6	c	*	48	39	*	*	0·24
	Cuxhaven	30·00	47	SW	4	0	29·82	−·19	50	49	+2	W	8	0	*	50	46	r, 0	*	0·12
	The Helder ...	30·07	51	WSW	2	0	30·00	−·14	52	50	+2	W	5	c	4	52	50	*	*	–
	Brussels	*	*	*	*	*	30·20	−·06	50	48	+11	SW	4	0	*	50	39	*	*	–
	Berlin	30·09	45	V	2	0	29·89	−·01	47	46	+2	SW	4	r	*	47	45	*	*	0·04
	Frankfurt	30·28	43	SW	3	0	30·20	+·05	46	45	0	SW	4	0	*	50	43	*	*	–
	Munich	30·35	39	SW	3	bc	30·34	+·17	39	37	−1	SW	6	0	*	43	34	*	*	–
FRANCE.	C. Gris Nez ...	30·19	52	SW	4	0	30·21	−·03	53	50	+6	WSW	5	0	5	57	47	*	*	0·04
	Brest	30·39	50	W	3	0	30·41	+·04	53	49	+1	W	4	0	3	53	48	*	*	–
	Lorient	30·39	53	W	3	m	30·43	+·04	51	50	0	W	3	0	2	55	48	*	*	–
	Rochefort	30·42	52	NNW	2	0	30·49	+·11	51	51	−1	z	0	0	*	54	50	0	*	0·04
	Biarritz	30·46	55	NNE	2	0	30·49	+·10	48	46	−5	E	3	b	2	55	47	*	*	–
	Paris	30·34	49	SW	2	c	30·37	+·05	48	47	+9	SW	3	c	*	53	?39	*	*	–
	Belfort...	30·33	40	W	2	m	30·43	+·16	38	38	−1	W	2	f	*	49	35	*	*	–
	Lyons	30·39	43	N	2	b	30·49	+·21	41	39	−1	N	1	0	*	50	39	*	*	–
	Nice	30·10	52	Z	0	b	30·23	+·37	51	44	+2	Z	0	b	2	61	48	*	*	–
	Perpignan	30·27	55	NW	4	b	30·38	+·21	52	46	−3	N	2	b	*	60	51	*	*	–
SPAN. PEN.	Coruuna																	*	*	
	Lisbon	30·28	60	NE	2	b	30·34	+·10	52	46	+1	NE	4	b	*	63	50	*	*	–
	Azores (P. Delgada)...																	*	*	
	,, (Horta) ...	30·36	63	S	4	0	30·36	−·02	63	58	+1	S	4	0	2	64	62	*	*	–

NOTES:—(a) *At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + ·03 in., but for Sumburgh Head + ·04 in.: for stations South of Malin Head and North Shields + ·02 in., but for Scilly and Jersey + ·01 in.*

(b) *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

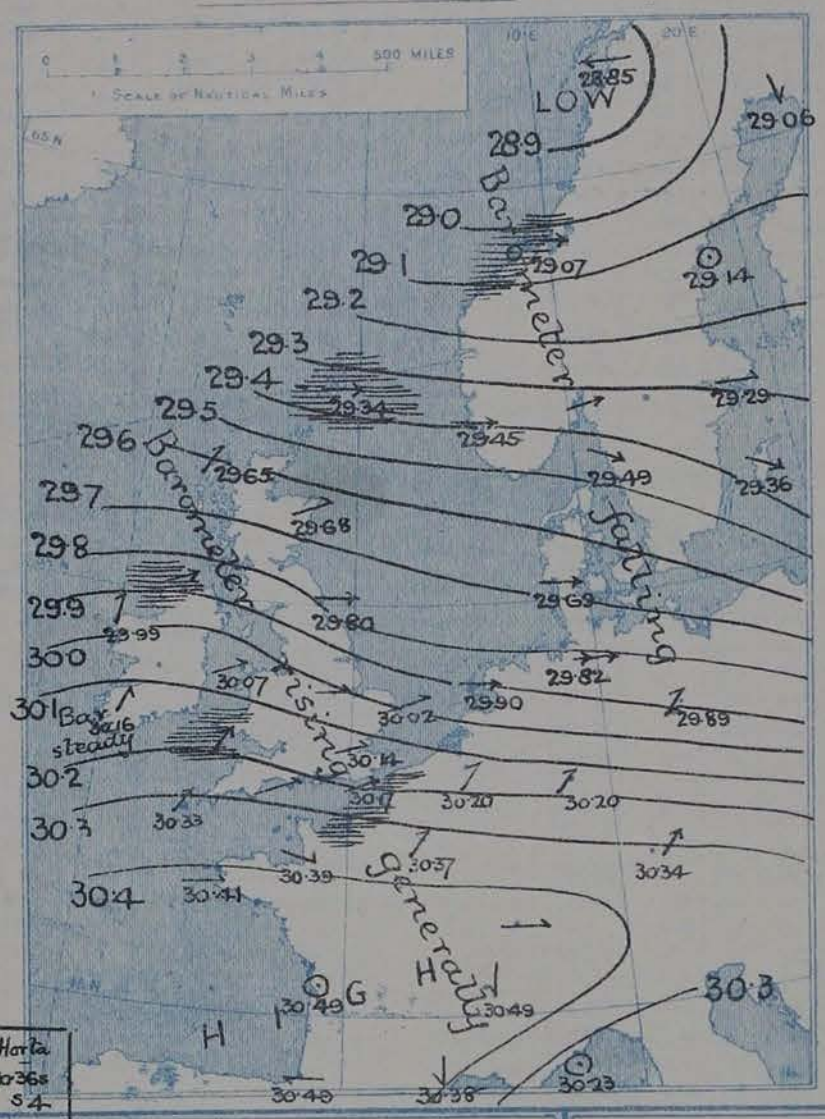
FOR THURSDAY, 29TH NOVEMBER 1906.

I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 ⟶ : *Force 5 to 7* ⟶ : } Calm ⊙
Force 8 to 10 ⟶ : *Force 1 to 4* ⟶ }

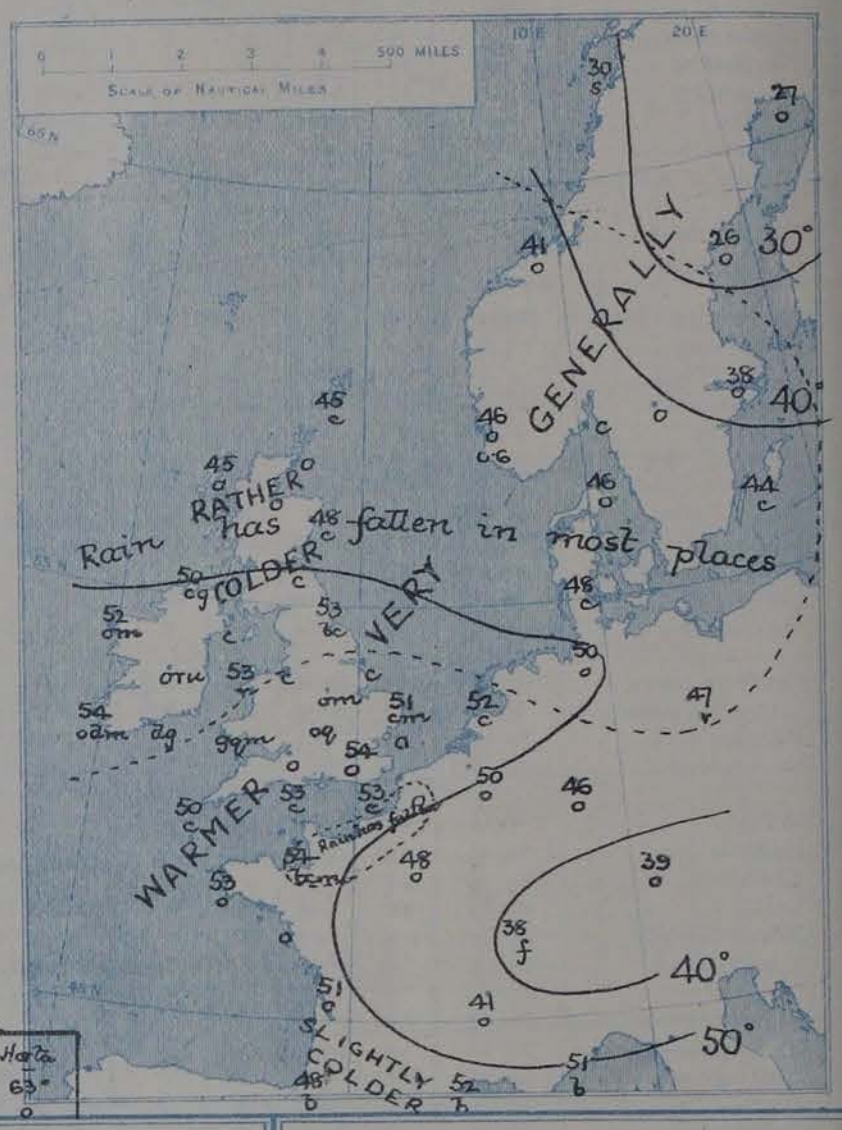
SEA.—Rough *High*



II. TEMPERATURE AND WEATHER. *This Morning.*

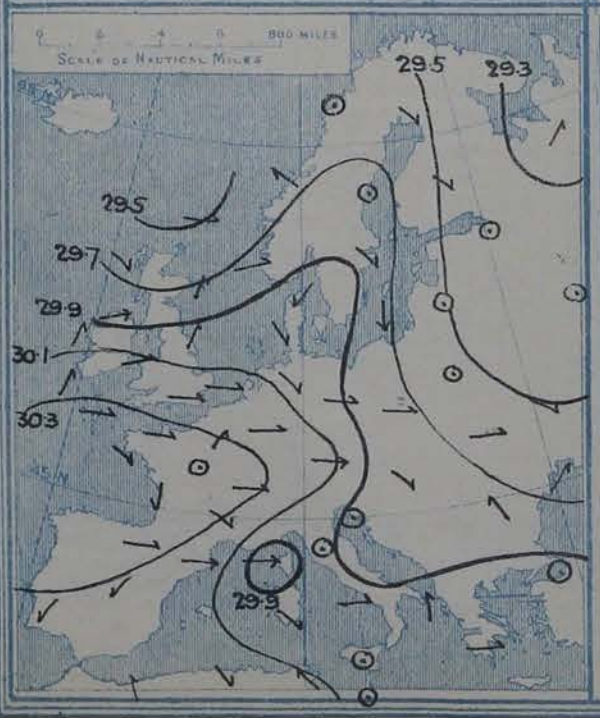
TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0·6



III. BAROMETER AND WIND

Yesterday morning.



IV. LAST WEEK'S SUNSHINE.

Amount recorded in various districts of the United Kingdom during the week ended Saturday, 24th Nov., with the percentage of the average duration for the corresponding week.

V. *Averages of* DAILY TEMPERATURE

at 8 A.M. for the monthly period.

NOVEMBER – DECEMBER

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)

11-52

GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure is highest, 30·4 ins. and upwards, in an anticyclone covering the Bay of Biscay, the adjacent portion of Spain, and the greater part of France. To the northward the readings decrease to 29·5 ins. in the extreme north of Scotland, and to 28·85 ins. at Bodö near the centre of a large cyclonic system which has arrived over that region from the westward. The mercury is now rising again in nearly all parts of the United Kingdom, but appears to be still falling over Scandinavia, Denmark and Germany.

WIND · TEMPERATURE · WEATHER AND SEA

The main current of wind over the United Kingdom and North-Western Europe generally is consequently from the Westward; it blows freshly or strongly on many parts of our coasts and over the North Sea and reaches the force of a gale at the mouth of the Elbe. At Bodö, to the northward of the baric minimum, the wind is Easterly. Temperature has risen over the greater part of our area, but fallen somewhat in Scotland and the south-west of France. Over these islands the thermometer ranges from 54° in many localities in the south to 44° in Caithness. The highest Continental readings reported are 53° at Brest and Cape Gris Nez, while the lowest value is 26° at Herrörand. The sky is very cloudy or entirely overcast in nearly all parts of Western and North-Western Europe; at some of our own western stations and also at Berlin rain is falling, and at Bodö snow is reported. The sea is rather rough at Cape Gris Nez, Pembroke and Malin Head, and rough between the Shetlands and Norway; elsewhere it is moderate to smooth.

During yesterday the thermometer rose to 55° or rather higher in many parts of the United Kingdom and to 59° at Khyl; the night was very mild over the country generally. Rather heavy rain has fallen on the Norwegian coast, smaller amounts in various parts of these Islands and in some of the Continental localities. Very little bright sunshine was experienced yesterday over this country, the longest duration recorded being 2·3 hours at Stornoway and 2·4 hours at Bath and Jersey.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Our most northern and north-western districts are likely to be affected by further disturbances from the westward or north-westward during the ensuing 24 hours, but the more southern districts will probably come more under the influence of the anticyclone.

FORECASTS*

For the 24 hours ending at NOON on 30th November, 1906.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH; 1 SCOTLAND EAST	W.ly to S.W.ly winds, fresh to moderate; rather mild; changeable, some showers.
2 ENGLAND N.E.; 3 ENGLAND EAST; 4 MIDLAND COUNTIES; 5 ENGLAND SOUTH	Wind chiefly W.ly, decreasing in force; cloudy, with some slight local showers, but generally dry; temperature continuing above the normal.
6 SCOTLAND WEST	Same as Nos. 0 and 1.
7 ENGLAND N.W.	Same as Nos. 2 to 5.
8 ENGLAND S.W	W.ly and S.W.ly winds, moderate; fair, then less settled; mild.
9 IRELAND NORTH; 10 IRELAND SOUTH	Moderate or fresh winds between S. and W.; some rain - most in west; mild.
WARNINGS	At 7.10 pm yesterday to districts 0, 6, and parts of 9 and 10, "Hoist South Cone".

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

DAILY WEATHER REPORT. 29TH NOVEMBER, 1906

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY,

STATIONS.	Temperature F Max.	Temperature F Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine, Hrs.	Rainfall. Ins.
Blackpool, to 9 p.m. ...	52	46	o, od, oq	0·0	0·01	Eastbourne, to 6 p.m. ...	53	43	*	0·1	0·03
Southport, to 9 p.m.... ...	52	47	or, c, o	0·0	0·03	Bexhill-on-Sea, to 9 p.m.	54	46	b, o, w	0·6	–
Rhyl, to 6 p.m.	59	46	bc, o	0·2	–	Hastings	*	*	*	0·1	*
Llandudno, to 9 p.m. ...	54	47	bcp	1·1	0·01	Folkestone, to 6 p.m. ...	51	40	o	0·0	–
Bettws-y-Coed, to 6 p.m.	55	48	c, bc, o	1·9	–	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m.	52	45	o	0·0	0·02	Margate, to 6 p.m. ...	55	40	o	0·0	–
Aberystwyth, to 6 p.m. ...	51	47	o, c, o	0·0	–	Lowestoft, to 6 p.m. ...	50	38	bc, c	0·9	–
Plymouth, to 9 p.m. ...						Skegness	52	42	c	0·5	–
Torquay, to 6 p.m.	55	46	*	2·4	–	Scarborough, to 6 p.m. ...	53	42	*	0·2	–
Bournemouth, to 6 p.m. ...	53	41	*	1·4	0·01	Harrogate, to 6 p.m. ...	52	44	b, c	0·5	0·02
Bognor, ...	*	*	o, bc	0·8	*	Darwen, to 9 p.m.	50	42	omrh, d	0·0	0·21
Worthing	54	39	o, c, b	0·2	–	Manchester, to 9 p.m. ...	54	44	bc, r, bc	0·0	0·03
Brighton	56	40	*	0·0	–	Birmingham, to 9 p.m. ...	56	40	c, o	1·6	–

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS 28th Nov., 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins
St. Petersburg	36	28	o, o	–	Algiers ... 28th Nov., 1906.	68	57	o, o	–
Utrecht...	52	45	b, m	0·24	Tunis	63	46	bc, o	–
Groningen	50	45	o, o	0·32	Madeira (Funchal)	70	52	b, b	–
Vienna	50	45	r, o	0·04		1 p.m.		1 p.m.	Measured 7 a.m.
Florence	57	49	o, c	–	Geneva ... 27th Nov., 1906.	43	*	o	–
Rome	63	47	b, b	–	Berne	36	*	m	–
Naples	67	55	bc, o	–	Coire	41	*	b	–
Palermo	69	46	b, b	–	Castasegna...	55	*	o	–
Brindisi	64	48	b, b	–	Lugano	54	*	bc	–
Malta	70	59	m	–	Davos...	43	*	b	–

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (,, ,,)	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

29th Nov., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7·39	11·41	3·43
Greenwich	7·42	11·48	3·54
Wick	8·35	12·0	3·26
Valencia	8·25	12·29	4·33

TERMS OF SUBSCRIPTION for the Daily Weather Report forwarded by Book Post, £1 per annum *payable quarterly in advance.*

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (*Director*).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Friday, **Meteorological Office, London.** 30th November, 1906.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Baron. At 32° Fahr. and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sun. shine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours	Ins.
SCANDINAVIA.	Haparanda... ...	28·84	25	E	0	0	28·91	-·15	16	16	-11	N	2	c	*	27	3	*	*	0·32
	Hernösand	28·97	29	E	0	0	28·84	-·30	29	28	+3	E	0	bc	*	32	23	*	*	-
	Stockholm	29·07	41	W	4	0	28·97	-·32	33	35	-5	WSW	2	0	*	41	28	*	*	0·08
	Wisby...	29·18	45	W	8	0	29·04	-·32	43	41	-1	SW	4	0	*	45	37	*	*	-
	Karlstad	29·21	40	WSW	8	b	28·98	-·36	35	34	-7	E	0	c	*	*	*	*	*	-
	Færder (X'iania Fjord)	29·31	44	WSW	6	c	29·00	-·35	41	37	-4	NW	2	0	3	46	41	*	*	-
	Bodö	28·77	32	E	1	0	28·92	+·07	25	23	-5	E	4	b	2	32	25	*	*	-
	Christiansund ...	28·99	40	W	8	c	28·97	-·10	37	36	-4	W	2	†	3	43	36	*	*	0·87
	Skudesnaes ...	29·43	44	NW	8	0	29·17	-·28	39	38	-7	NNW	4	†	4	46	37	c, o	*	0·39
BRITISH ISLANDS.	Sumburgh Head	29·54	44	W	4	0	29·19	-·15	40	36	-5	W	4	0	5	46	37	0	*	0·08
	Stornoway	29·43	44	W	4	†	29·47	-·18	40	39	-5	W	4	c	4	46	35	d, †	0·0	0·78
	Malin Head ...	29·44	53	SW	7	rf	29·68	-·19	44	41	-6	NW	7	c†hq	6	53	41	om, †f	*	0·21
	Blacksod Pt. ...	29·68	54	SW	8	rqm	29·95	-·04	45	40	-7	W	4	cm	3	55	44	pqdp, rqm	*	0·22
	Valencia	30·02	54	SW	5	oq	30·04	-·12	48	44	-6	NW	3	o	5	56	48	oqp, omq	0·0	0·27
	Roche's Point ...	30·07	54	WSW	4	cq	30·02	-·16	48	46	-6	NW	3	†q	2	55	48	m, cqm	*	0·06
	Birr Castle ...	29·87	56	WSW	6	c	29·95	-·14	42	41	-9	WSW	1	o	*	57	40	o†q, c	0·0	0·17
	Donaghadee ...	29·63	55	S	5	c	29·78	-·23	42	?41	-8	WSW	4	bc	3	56	42	cd, bc, †	*	-
	Liverpool Obsy...	29·85	55	SW	5	†	29·83	-·19	46	44	-7	W	4	0	5	57	46	bc, p	*	0·07
	Holyhead	29·87	54	WSW	6	odpm	29·87	-·20	47	44	-6	NW	6	c	5	55	44	odp, gm	*	0·05
	Pembroke (St. Ann's Hd.)	30·05	53	SW	7	o	29·94	-·24	51	47	-1	NW	4	oq	5	54	50	oqm	0·0	0·02
	Scilly (St. Mary's) ...	30·25	52	SW	5	c	30·02	-·31	52	52	+2	WSW	5	m	4	55	50	o, o†m, c	0·5	0·02
	Jersey (St. Aubins) ...	30·33	53	WSW	5	oqm	30·09	-·30	53	51	-1	WSW	5	oqp	4	56	50	bc, cm, oq	3·8	0·02
	Portland Bill ...	30·18	53	WSW	6	o	29·92	-·34	54	53	+1	WSW	8	o	6	54	51	o	*	-
	Dungeness	30·12	53	WSW	6	o	29·84	-·33	55	52	+2	WSW	7	o	6	55	52	o	2·0	-
	Wick	29·42	42	W	4	bc	29·35	-·18	36	35	-8	NW	3	†sp	2	45	35	-	*	0·40
	Nairn	29·45	46	W	1	†	29·47	-·18	37	36	-10	WSW	4	o	2	48	35	-	0·7	0·48
	Aberdeen	29·49	47	SSW	4	†	29·48	-·20	39	36	-9	WNW	4	b	2	50	38	b, bc, o†, b	1·4	0·23
	Leith	29·50	54	WSW	6	†	29·61	-·19	41	38	-9	WSW	4	b	*	56	40	-	*	0·27
	North Shields ...	29·68	52	WSW	3	o	29·64	-·16	44	42	-9	W	4	bc	2	58	40	c, o	*	-
	Spurn Head ..	29·84	52	SSW	4	o	29·65	-·28	48	45	-4	WNW	6	c	4	56	48	oq, qv	*	-
	Yarmouth	29·97	53	W	5	c	29·70	-·32	53	52	+2	W	5	c	4	56	50	c	*	0·01
	Clacton-on-Sea ...	30·07	52	W	5	bc	29·81	-·32	52	51	+2	WSW	4	c	4	54	49	c, bc, op	0·0	0·01
	Nottingham ...	29·90	54	WSW	4	†	29·77	-·28	49	46	-5	NW	3	bcm	*	57	49	cm, †	0·0	0·01
	Bath	30·22	55	SW	6	†	29·89	-·32	54	53	0	W	6	m	*	55	50	-	0·0	0·07
	Oxford	30·05	54	SW	6	c	29·83	-·32	53	52	0	WSW	4	o	*	56	52	odpq	*	0·01
	London (St. James' Park)	30·10	55	SW	4	o	29·82	-·32	53	51	-1	W	4	oq	*	56	52	odp, o, oq	0·0	-
GERMANY, &c.	The Scaw (Skagen)	29·45	47	WNW	7	c	28·98	-·51	39	39	-7	NNE	5	†	1	48	39	*	*	0·20
	Fanö	29·59	49	WSW	6	†	29·24	-·45	50	50	+2	W	9	o	*	52	46	*	*	0·24
	Cuxhaven	29·87	50	W	6	o	29·44	-·38	52	50	+2	W	9	o	*	52	48	*	*	0·12
	The Helder ...	29·96	53	WSW	4	o	29·65	-·35	54	51	+2	WSW	7	o	5	54	52	*	*	0·12
	Brussels	*	*	*	*	*	29·93	-·27	48	47	-2	SW	6	†	*	52	48	*	*	0·08
	Berlin	29·88	51	SW	4	†	29·55	-·34	51	50	+4	SW	5	†	*	52	46	*	*	0·28
	Frankfurt	30·17	51	SW	5	o	29·97	-·23	49	46	+3	SW	6	o	*	52	43	*	*	-
	Munich	30·32	43	W	5	o	30·12	-·22	41	38	+2	SW	3	c	*	45	39	*	*	-
FRANCE.	C. Gris Nez ...	30·17	54	WSW	6	o	29·82	-·39	53	51	0	SW	6	o	6	59	52	*	*	0·08
	Brest	30·36	53	SW	4	o	30·18	-·23	53	51	0	W	4	o	3	54	50	*	*	-
	Lorient	30·43	52	W	2	o	30·19	-·24	52	50	+1	W	5	o	4	55	48	*	*	-
	Rochefort	30·46	51	E	0	m	30·31	-·18	52	52	+1	SW	4	o	*	55	48	m	*	0·04
	Biarritz	30·46	50	NE	3	b	30·35	-·14	42	42	-6	ESE	2	b	2	57	41	*	*	-
	Paris	30·35	50	SSW	2	o	30·17	-·20	46	45	-2	SW	3	o	*	53	46	*	*	-
	Belfort...	30·41	42	WSW	6	f	30·20	-·23	42	41	+4	WSW	5	o	*	44	?38	*	*	-
	Lyons	30·48	44	N	1	o	30·33	-·16	45	41	+4	N	1	o	*	48	?41	*	*	-
	Nice	30·19	57	E	0	b	30·12	-·11	45	42	-6	E	1	c	1	61	45	*	*	-
	Perpignan	30·33	59	NW	2	b	30·25	-·13	52	46	0	W	2	b	*	67	50	*	*	-
SPAN. PEN.	Corunna																	*	*	
	Lisbon	30·33	56	N	3	b	30·33	-·01	50	47	-2	NE	1	b	*	63	48	*	*	-
	Azores (P. Delgada)...																	*	*	
	,, (Horta) ...	30·40	63	SE	3	o	30·43	+·07	62	56	-1	E	1	o	2	64	61	*	*	-

NOTES:—(a) *At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + ·03 in., but for Sumburgh Head + ·04 in.; for stations South of Malin Head and North Shields + ·02 in., but for Scilly and Jersey + ·01 in.*

(b) *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

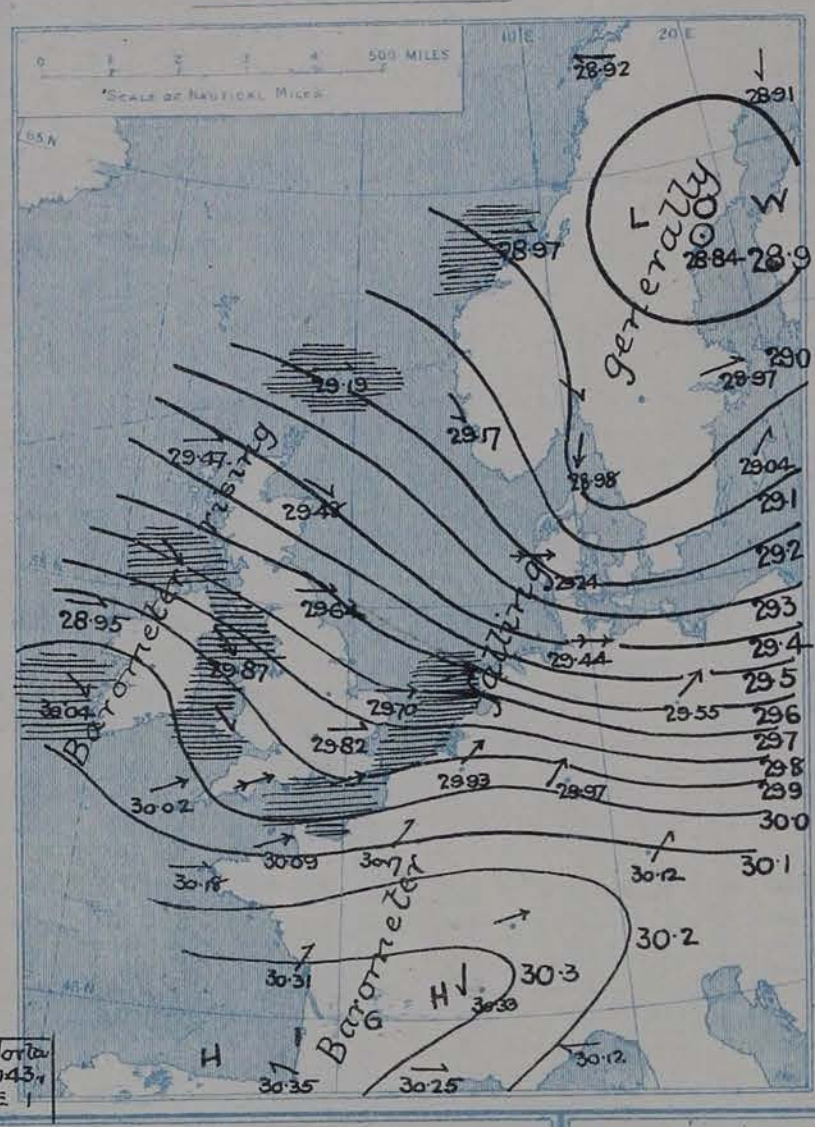
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR FRIDAY, 30th NOVEMBER, 1906.

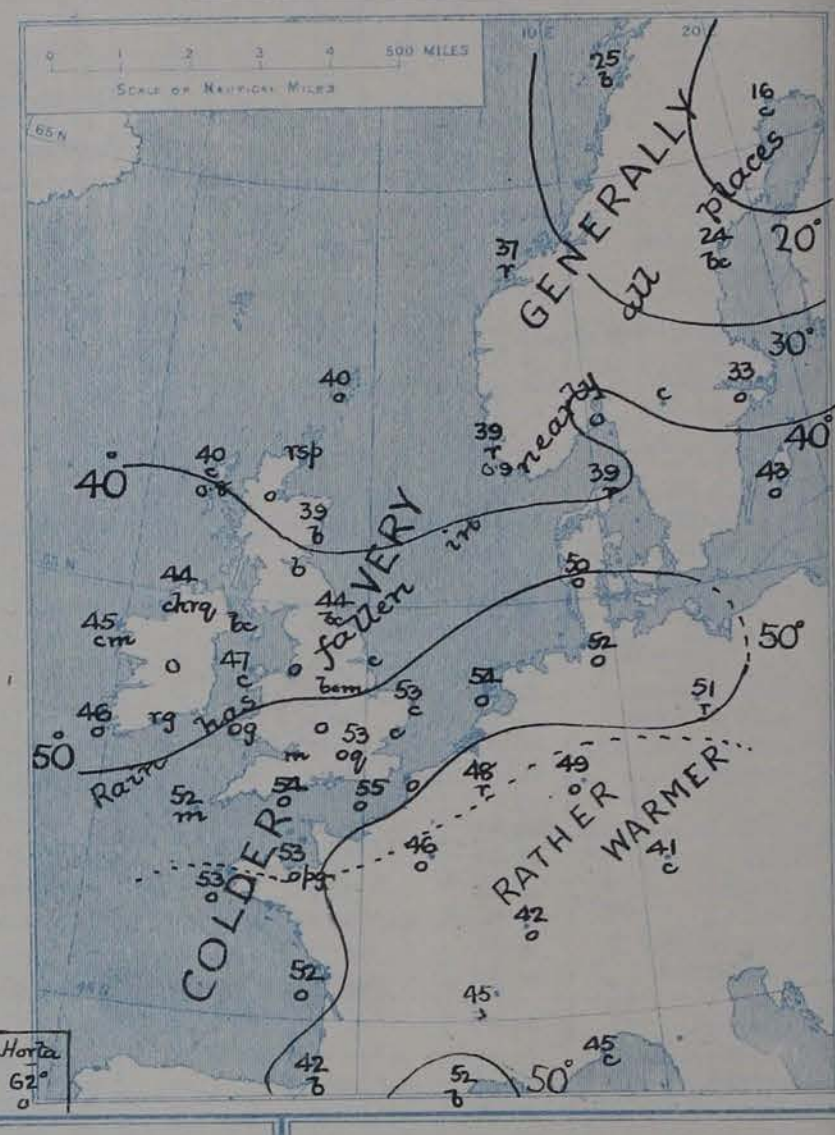
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 — *Force 8 to 10* — *Force 5 to 7* — *Force 1 to 4* — Calm
SEA.—Rough — *High*



II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus -0·6



III. BAROMETER AND WIND

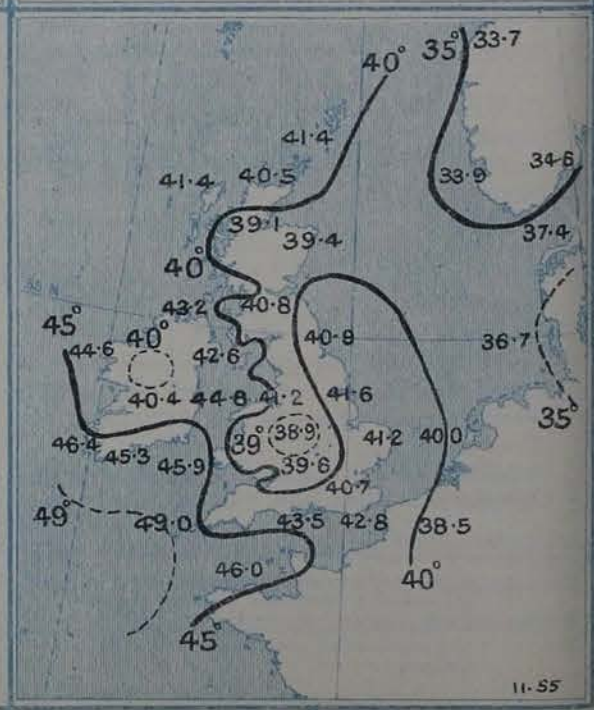
Yesterday morning.

IV. RAINFALL IN 1906.

Total Amount recorded in various districts of the United Kingdom in the 47 weeks ended Saturday 24th Nov., with the percentage of the average amount for the corresponding period.

V. *Averages of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* NOVEMBER – DECEMBER

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)



11·55

GENERAL SITUATION AT 8 A.M.

PRESSURE

During the past night a secondary disturbance appears to have moved eastwards from the Atlantic to the Cattegat, causing, during its passage, a great increase in the baric gradient over the southern half of the United Kingdom and the English Channel. Pressure now ranges from above 30·3 ins. in an anticyclone over the southern portion of the Bay of Biscay and its vicinity to 28·98 ins. at Skagen, and to below 28·9 ins in the central space of a large depression over the northern part of Scandinavia.

WIND

The wind, after blowing very strongly, or with the force of a gale on most parts of our coasts during the night, has decreased in force in most places and veered to the Westward or North-Westward. It still blows a gale, however, at Portland Bill, and a strong gale on the coast of Denmark and at the mouth of the Elbe. The cyclonic circulation around the main baric minimum is light and not well defined.

TEMPERATURE

Temperature has fallen except over Germany and the east of France and at some of our own southern stations; it is now below 40° over the greater part of Scotland and only 42° at some Irish stations, but it increases to above 50° over the south and south-east of England, the highest reading being 55° at Dungeness. On the Continent the highest reading reported is 53° at Brest, and the lowest 16° at Haparanda.

WEATHER AND SEA

The sky is clear in the south of France and partially so in a few other localities; as a whole, however, there is much cloud, with rain at some of our own stations and in various parts of the Continent, and hail showers at Malin Head. The sea is rough or rather so on most exposed coasts.

During yesterday the thermometer rose to 56° or 57° in many parts of the United Kingdom and to 58° at North Shields. Rain has fallen at nearly all our own stations and in several Continental localities, the largest measurements being 0·9 inch at Christiansund, 0·8 inch at Stornoway, and 0·5 inch and 0·4 inch respectively at Nairn and Wick. The duration of bright sunshine was very limited; stations in the north-west recorded about 2·5 hours, and Jersey 3·8 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The general distribution of pressure continues favourable for the passage of disturbances from the Atlantic over our Islands and their neighbourhood, so that the character of the weather is likely to continue changeable, with winds from some point between North-West and South-West.

FORECASTS*

For the 24 hours ending at NOON on 1st December, 1906.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	W.ly or S.W.ly winds, varying in force; changeable, some rain; moderate temperature.
1 SCOTLAND EAST	
2 ENGLAND N.E.	Wind mainly W.ly, decreasing in force; showery, then improving temporarily; cooler than of late.
3 ENGLAND EAST	
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	
6 SCOTLAND WEST	Same as Nos. 0 and 1.
7 ENGLAND N.W.	N.W.ly to W.ly or S.W.ly winds, moderating; changeable, some showers, fair intervals.
8 ENGLAND S.W.	
9 IRELAND NORTH	N.W.ly or W.ly to S.ly winds, varying in force; changeable, showery, fair intervals.
10 IRELAND SOUTH	
WARNINGS	The SOUTH CONE was hoisted yesterday afternoon, or in the evening, on all our coasts.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

DAILY WEATHER REPORT. 30th November, 1906

TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Blackpool, to 9 p.m. ...	53	50	cp, oq	2·5	0·04	Eastbourne, to 6 p.m. ...	55	49	*	1·9	–
Southport, to 9 p.m.... ...	55	51	o.c, m, o	2·6	0·02	Bexhill-on-Sea, to 9 p.m.	55	53	b, c, q	2·0	–
Rhyl, to 6 p.m.	57	45	o, c, o	2·5	0·01	Hastings	*	*	*	1·7	*
Llandudno, to 9 p.m. ...	55	52	bcpq	2·5	0·01	Folkestone, to 6 p.m. ...	55	48	o	1·2	–
Bettws-y-Coed, to 6 p.m.						Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m.	53	51	c, o, r	0·0	0·08	Margate, to 6 p.m. ...	56	49	o	0·0	–
Aberystwyth, to 6 p.m. ...	53	49	o.c, r	0·0	0·04	Lowestoft, to 6 p.m. ...	57	46	c, b, c	1·2	–
Plymouth, to 9 p.m. ...	54	49	od, o	0·0	–	Skegness	55	50	c, bc	0·0	–
Torquay, to 6 p.m.	53	51	*	0·0	–	Scarborough, to 6 p.m. ...	57	51	*	1·0	–
Bournemouth, to 6 p.m. ...	55	50	*	1·2	–	Harrogate, to 6 p.m. ...	53	50	o, d	0·2	0·04
Bognor, ...	*	*	bc, od	1·7	*	Darwen, to 9 p.m.	54	48	o, bm, omr	0·2	0·28
Worthing	54	46	c, o, c, o	1·2	–	Manchester, to 9 p.m. ...	56	52	or	0·8	0·07
Brighton			*			Birmingham, to 9 p.m. ...	56	48	o, c	0·4	–

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS 29th Nov., 1906.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins
St. Petersburg	? not rec.d	27	o. o	–	Algiers ... ... (29th Nov., 1906.)	68	57	bc, bc	–
Utrecht...					Tunis	64	48	m, bc	0·12
Groningen	52	46	o. o	0·04	Madeira (Funchal)	not rec.d			
Vienna	48	43	o, o	–					
Florence	62	36	b, b	–		1 p.m.		1 p.m.	Measured 7 a.m.
Rome	60	47	b, b	–	Geneva ... ... (28th Nov., 1906.)	48	*	b	0·04
Naples	62	50	bc, b	0·04	Berne	45	*	b	0·08
Palermo	67	55	o, c	–	Coire	43	*	bc	0·20
Brindisi	64	46	r, o	0·20	Castasegna...	48	*	b	–
Malta	68	57	r	0·20	Lugano	59	*	b	–
					Davos...	32	*	bc	0·16

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (,, ,,)	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores: Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores: Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

30th Nov., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7·41	11·42	3·43
Greenwich	7·44	11·49	3·54
Wick	8·37	12·1	3·25
Valencia	8·27	12·30	4·32

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METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (*Director*).

* At Oxford the observations are taken at 8 p.m.

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	YESTERDAY EVENING. Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sun. shine.	Rainfall
		Ins.	°				Ins.	Ins.	°	°	°								Hours.	Ins.
1st	Corunna.	29.62	50	SSE	3	r	29.90	+.44	55	52	+9	W	5	o	5	59	46	–	–	0.51
"	P. Delgada.	30.30	64	N	4	bc	30.28	–.06	64	62	+1	N	5	r	3	68	63	–	–	–
2nd	P. Delgada.	30.31	63	NNE	4	o	30.31	+.03	60	57	–4	NNE	4	c	2	68	59	–	–	0.04
3rd	Corunna.	29.82	?	SSW	3	o	29.71	–	51	49	–	W	6	o	3	57	48	–	–	0.16
"	P. Delgada.	30.30	62	NW	2	o	30.19	–.12	62	56	+2	WNW	4	c	4	66	59	–	–	–
5th	Corunna.	29.63	53	SW	5	o	29.75	–	50	46	–	SSE	3	c	6	55	45	–	–	0.24
"	P. Delgada.	29.85	59	NNW	3	b	29.86	–.05	59	53	–1	NNW	4	c	4	65	57	–	–	–
6th	Corunna.	29.66	61	SSE	1	o	29.54	–.21	51	49	+1	SSE	1	o	6	63	46	–	–	0.32
"	P. Delgada.	29.95	61	NNW	4	o	29.80	–.06	65	63	+6	W	5	m	6	66	59	–	–	0.32
7th	Nice.	29.82	63	E	9	r	29.72	–.22	55	55	–5	E	2	r	6	66	50	–	–	1.38
"	Corunna.	29.81	57	S	3	o	29.59	+.05	50	48	–1	SSW	3	o	3	59	45	–	–	0.20
8th	Corunna.	29.71	54	SSW	3	o	29.79	+.20	46	45	–4	SW	1	bc	3	57	41	–	–	0.12
"	P. Delgada.	30.08	58	NE	3	b	30.11	+.19	56	51	–1	E	4	o	3	61	54	–	–	–
9th	Corunna.	29.78	57	WNW	3	bc	29.83	+.04	52	49	+6	SW	3	o	5	59	46	–	–	0.47
"	P. Delgada.	30.13	57	Z	0	b	30.12	+.01	56	50	0	NNE	3	b	3	63	55	–	–	–
10th	Corunna.	29.82	57	WSW	3	o	30.01	+.18	55	53	+3	NNW	3	r	?	?	?	–	–	0.39
"	P. Delgada.	30.18	57	NNE	2	b	30.19	+.07	57	51	+1	N	3	bc	2	64	55	–	–	–
11th	Brest.	30.21	51	NE	4	m	30.40	+.40	43	?	–8	NE	3	b	2	54	41	–	–	–
"	Corunna.	30.22	59	NNE	1	b	30.22	+.21	48	46	–7	NE	1	o	2	61	43	–	–	–
12th	Corunna.	30.21	59	NNE	1	b	30.22	.00	48	46	0	NE	1	f	2	61	43	–	–	–
13th	Lyons.	30.26	39	NNW	2	o	30.35	+.03	36	35	0	N	1	o	–	42	35	–	–	–
"	Corunna.	30.18	57	NE	3	c	30.28	+.06	46	45	–2	NE	1	f	–	61	41	–	–	–
"	P. Delgada.	29.96	64	E	5	r	30.02	+.08	64	60	0	E	4	r	5	64	61	–	–	0.04
14th	Corunna.	30.32	60	NE	1	b	30.38	+.10	43	41	–3	NE	1	f	2	61	37	–	–	–
"	P. Delgada.	30.19	63	NE	4	b	30.29	+.27	62	59	–2	NE	4	b	5	68	61	–	–	–
15th	Corunna.	30.37	55	NE	1	b	30.41	+.03	42	41	–1	NE	1	f	2	57	37	–	–	–
"	P. Delgada.	30.46	60	NE	2	b	30.51	+.22	59	53	–3	NE	3	bc	4	66	57	–	–	–
16th	P. Delgada.	30.55	60	NE	3	b	30.50	–.01	60	56	+1	NE	3	c	5	66	59	–	–	–
17th	Corunna.	30.37	57	WNW	1	f	30.30	–	55	53	–	SW	1	o	5	59	50	–	–	0.04
"	P. Delgada.	30.29	54	NNW	4	b	30.29	–.08	52	50	–6	NE	4	o	–	59	48	–	–	–
19th	Biarritz.	29.57	60	S	7	o	29.69	–.14	48	46	–7	SW	7	o	7	61	37	77h	–	0.43
"	Corunna.	29.78	52	WNW	6	r	29.94	+.08	54	50	0	WNW	6	o	8	59	46	–	–	0.20
20th	Haparanda.	29.83	10	N	4	b	29.92	+.19	14	14	+1	NNE	2	o	–	14	3	–	–	–
"	Hernösand.	29.70	31	E	4	c	29.65	+.03	32	?	+1	E	4	o	–	32	30	–	–	0.08
"	Stockholm.	29.57	34	E	2	o	29.18	–.32	42	42	+8	ESE	6	r	–	?42	34	–	–	0.59
"	Wisby.	29.43	44	ENE	2	bc	29.29	–.18	44	42	+4	WSW	6	o	–	45	37	–	–	0.12
"	Karlstad.	29.53	36	E	2	o	29.15	–.35	33	33	–1	ENE	4	s	–	–	–	–	–	0.59
"	Corunna.	30.01	54	WNW	5	o	30.06	+.12	50	48	–4	SW	3	o	5	57	46	–	–	0.12
"	Brussels.	–	–	–	–	–	29.54	+.27	37	–	–1	S	5	o	–	44	37	–	–	–
23rd	Haparanda.	30.26	14	NW	2	b	30.16	+.17	24	–	–4	SE	2	o	–	34	14	–	–	–
"	Hernösand.	30.19	30	Z	0	r	29.95	–.28	36	–	+13	SSW	2	o	–	?36	23	–	–	0.08
"	Corunna.	30.36	64	SSE	1	b	30.45	–	45	42	–	SSE	1	f	3	66	39	–	–	–
24th	Corunna.	30.35	64	E	1	b	30.45	–	48	45	–	E	1	b	0	64	39	–	–	–
25th	Corunna.	30.44	59	SSW	1	b	30.57	+.12	45	45	–3	SSE	1	b	2	64	43	–	–	–
26th	Corunna.	30.55	61	SSE	1	b	30.54	–.05	45	43	0	SSW	1	f	5	61	39	–	–	–
"	P. Delgada.	30.45	60	NE	3	bc	30.47	+.12	60	58	+3	N	1	r	–	64	57	–	–	0.04
27th	Corunna.	30.52	59	SSE	1	b	30.45	–.09	43	41	–2	NE	1	f	4	61	37	–	–	–
28th	Corunna.	30.37	55	NE	3	b	30.41	–.04	44	43	+1	NE	1	f	5	57	37	–	–	–
29th	Corunna.	30.36	60	NE	1	bc	30.41	.00	47	45	+3	NE	3	b	4	61	37	–	–	–
"	P. Delgada.	30.40	60	ENE	4	o	30.38	–.02	60	55	0	NE	3	o	3	66	59	–	–	–
30th	Corunna.	30.36	59	NE	1	b	30.41	.00	45	43	–2	NE	1	f	3	61	39	–	–	–
"	P. Delgada.	30.41	60	N	1	o	30.44	+.06	59	54	–1	NNE	1	o	–	63	57	–	–	–

REPORTS FOR November, 1906.

2. CORRECTIONS.

DATE.	STATIONS.	YESTERDAY EVENING. Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°								Hours.	Ins.
1st	Stornoway.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2.9	–
"	Blacksod Point.	–	–	ENE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Valencia.	–	–	NE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Scilly.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	44	–	–	–
"	Wick.	29.79	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2nd	Scilly.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	47	–	–	–
3rd	Holyhead.	–	48	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Spurn Head.	–	–	–	–	–	29.36	+.24	–	–	–	–	–	–	–	–	–	–	–	–
5th	Spurn Head.	? 29.35	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Bath	–	–	NE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Dungeness.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	?52	–	–	–	–
6th	Portland Bill.	–	–	–	–	–	29.63	+.15	–	–	–	–	–	–	–	–	–	–	–	–
7th	Donaghadee.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	?50	38	–	–	–
"	Pembroke.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	44	–	–	–
8th	Aberdeen.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	45	–	–	–
9th	Stornoway.	–	–	–	–	–	–	–	–	38	–	–	–	–	–	–	–	–	–	–
"	Liverpool Obsy.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	?46	–	–	–
"	Jersey.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	47	–	–	–
10th	Malin Head.	–	–	–	–	–	30.41	+.38	–	39	–	–	–	–	–	–	–	–	–	–
"	Spurn Head.	–	–	–	–	–	30.21	+.57	–	–	–	–	–	–	–	–	–	–	–	–
11th	Yarmouth.	30.34	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12th	Haparanda.	–	–	–	–	–	–	–	18	–	+6	–	–	–	–	–	–	–	–	–
"	Dungeness.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	40	–	–	–
"	Berlin.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	46	–	–	–	–
"	P. Delgada.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	58	–	–	–
13th	Sumburgh Head	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	46	–	–	–
"	Jersey.	–	–	–	–	–	–	–	–	–	–	NE	–	–	–	–	–	–	–	–
14th	Sumburgh Head.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	49	–	–	–	–
"	Malin Head.	–	–	–	–	–	29.94	-.41	–	–	–	–	–	–	–	–	–	–	–	–
"	Dungeness.	–	–	–	–	–	–	–	47	–	+3	–	–	–	–	–	–	–	–	–
"	Spurn Head.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	44	–	–	–
"	Bath.	–	–	–	–	–	30.37	-.13	–	–	–	–	–	–	–	–	–	–	–	–
15th	Blacksod Point.	–	–	–	–	–	29.60	-.36	–	–	–	–	–	–	–	–	–	–	–	–
"	Holyhead.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0.17
16th	Donaghadee.	29.75	45	–	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Clacton-on-Sea.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1.7	–
17th	Nairn.	29.39	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18th	Skudesnaes.	29.06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Pembroke.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0.41
"	C. Gris Nez.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0.24
19th	North Shields.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	30	–	–	–
"	Brest.	–	–	–	–	–	29.40	+.10	–	–	–	–	–	–	–	–	–	–	–	–
"	Lyons.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2.40
20th	Valencia.	–	44	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Scilly.	29.58	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Spurn Head.	–	42	–	–	–	–	–	43	–	+9	–	–	6	–	–	–	–	–	–
"	Yarmouth.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	33	–	–	–
"	Lyons.	29.71	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22nd	Stornoway.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	52	–	–	–	–
23rd	Malin Head.	–	–	–	–	–	29.94	+.29	–	–	–	–	–	–	–	–	–	–	–	–
"	Dungeness.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	No rain
24th	Holyhead.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	50	–	–	–
25th	Liverpool Obsy.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	57	–	–	–	–
27th	Holyhead.	–	–	–	–	–	–	–	–	–	–	NW	–	–	–	–	–	–	–	–
"	North Shields.	30.10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30th	Donaghadee.	–	–	–	–	–	–	–	–	41	–	–	–	–	–	–	–	–	–	–